

1918.
—
WESTERN AUSTRALIA.

Quarterly Statistical Abstract

(The preliminary figures published in this Abstract are, as far as possible, revised every quarter. Those which appear in this issue consequently supersede any contained in previous issues.)

No. 208.
To 31st December, 1917.

Compiled from Official Returns.

S. BENNETT, F.I.A.,
Acting Government Statistician.



PERTH:
BY AUTHORITY: FRED. WM. SIMPSON, GOVERNMENT PRINTER.
—
1918.

NOTES.

The object of the publication of this "Statistical Abstract" is to furnish each quarter, in a handy and compact form, the latest Official Statistics in connection with those special subjects in regard to which Politicians, the Press, and the Public usually require early and reliable information.

The assistance of the following Government officers, who kindly supply the figures for the respective branches under their supervision, is gratefully acknowledged: The Commonwealth Statistician, the Collector of Customs at Fremantle, the Secretary to the Immigration Department, the Under Treasurer, the Governor of the Commonwealth Savings Bank, the Manager of the State Government Savings Bank, the State Commissioner of Taxation, the Under Secretary for Mines, the Under Secretary for Lands, the Divisional Officer of the Commonwealth Weather Bureau for the State, and the State Chief Electoral Officer.

Government Statistician's Office,
Perth, Western Australia,
22nd January, 1918.

S. BENNETT,
Acting Government Statistician.

CONTENTS.

	Page.
I. POPULATION AND VITAL STATISTICS—	
1. Population	4
2. Immigration and Emigration	4
3. Assisted and Nominated Immigration	4
4. Marriages, Births, and Deaths	5
II. CENSUS OF 1911—	
5. Summary of Populations of Local Government Areas	5
III. FINANCE—	
6. State Revenue	5
7. State Expenditure	6
8. Public Debt	6
9. Commonwealth Savings Bank	6
10. Government Savings Bank (State)	7
11. Cheque-Paying Banks	7
IV. SHIPPING—	
12. Vessels entered and cleared at W.A. Ports	8
13. Vessels entered and cleared, decennial return	9
V. CUSTOMS AND EXCISE COLLECTIONS—	
14. Customs and Excise Collections at W.A. Ports	9
VI. TRADE—	
15. Imports, 1908 to 1917	9
16. Exports, 1908 to 1917	10
17. Trade with Commonwealth States	10
18. Imports and Exports at W.A. Ports	11
19. Exports of Local Products	11
20. Imports, half-year ended 31st December, 1917	12-14
21. Oversea Exports, July and August, 1917	15
22. Interstate Exports, half-year ended 31st December, 1917	16-18
23. Oversea Ships' Stores, July and August, 1917	19
23a. Interstate Ships' Stores, half-year ended 31st December, 1917	20
24. Wool Export from each Port	21
VII. GOLD MINING STATISTICS—	
25. Annual Gold Production, 1886-1917	22
26. Monthly Gold Production, 1907-1917	22
VIII. LIVE STOCK—	
27. Live Stock, 1907-1916	22
IX. LAND SETTLEMENT—	
28. Land Settlement, 1917	23
29. Principal Crown Lands Transactions	23
X. AGRICULTURE—	
30. Cropping, Clearing, etc.	24
31. Areas under Crops	24
32. Yield of Principal Crops	24
33. Average Yield of Principal Crops	24
XI. INDUSTRIAL ESTABLISHMENTS—	
34. Output of principal Manufacturing Establishments	25
XII. WAGES—	
35. Minimum Rates of Wages	26-29
XIII. PRODUCTION—	
36. Estimated Value of Production, 1914-1917	29
XIV. METEOROLOGICAL STATISTICS—	
37. Notes on the Rainfall	29-31
38. Meteorological Observations	31
XV. PARLIAMENTARY ROLLS—	
39. Legislative Assembly, Number of names on Roll	32
40. Legislative Council, Number of names on Roll	32

STATISTICS OF WESTERN AUSTRALIA.

(All figures in heavy type are preliminary figures, liable to revision).

1.—POPULATION AND VITAL STATISTICS.

No. 1.—Population of Western Australia (exclusive of full-blooded Aborigines) from 1907.

Period.	Estimated Population on last day of period.			Increase during period.	Masculinity. §	Mean Population.
	Males.	Females.	Total.			
1907	146,264	108,276	254,540	†633	14·92	255,510
1912	174,056	132,072	306,129	11,948	13·71	301,426
1913	180,747	139,937	320,684	14,555	12·73	314,002
1914	179,188	143,830	323,018	2,334	10·95	323,462
1915	171,304	146,712	318,016	†5,002	7·73	322,357
1916	159,998	148,808	308,806	†9,210	3·62	314,710
Nine months, 1917 ...	158,196	150,709	308,905	99	2·42	308,718
October, 1917 ...	158,238	150,948	309,186	281	2·36	309,046
November, 1917 ...	158,539	151,187	309,726	540	2·37	309,456
December, 1917 ...	158,593	150,612	309,205	†521	2·58	309,466
Twelve months, 1917 ...	158,593	150,612	309,205	399	2·58	308,561

† Decrease. § Number of Males over Females in each 100 of total population.

No. 2.—Immigration into and Emigration from Western Australia from 1907.

Period.	Immigration.			Emigration.			Excess of Immigration over Emigration.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1907	13,265	9,061	22,326	17,158	10,582	27,740	3,893	†1,521	†5,414
1912	23,555	14,771	38,326	19,852	11,880	31,732	3,703	2,891	6,594
1913	22,270	15,367	37,637	18,437	10,929	29,366	3,833	4,438	8,271
1914	16,436	10,834	27,270	20,716	16,381	31,097	†4,280	453	†3,827
1915	12,464	8,270	20,734	23,039	8,722	31,761	†10,575	†452	†11,027
1916	11,591	7,731	19,322	25,355	8,655	34,010	†13,764	†924	†14,688
March Quarter, 1917	2,978	2,212	5,190	4,756	2,628	7,378	†1,772	†416	†2,188
June Quarter, 1917 ...	2,933	1,852	4,785	4,033	1,531	5,564	†1,100	321	†779
Sept. Quarter, 1917 ...	2,041	703	2,744	2,762	892	3,654	†721	†189	†910
October, 1917	535	124	659	663	120	783	†128	4	†124
November, 1917	1,442	797	2,239	1,307	760	2,067	135	37	172
December, 1917	1,573	577	2,150	1,641	1,374	3,015	†68	†797	†865
December Quarter, 1917	3,550	1,498	5,048	3,611	2,254	5,865	†61	†756	†817
Twelve months, 1917 ..	11,502	6,265	17,767	15,156	7,305	22,461	†3,654	†1,040	†4,694

† Excess of emigration over immigration.

No. 3.—Assisted and Nominated Immigration.

Period.	Adults (12 years and upwards).			Children under 12 years of age.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1907	490	259	749	104	96	200	594	355	949
1912	3,006	2,218	5,224	915	858	1,773	3,921	3,076	6,997
1913	2,626	2,809	5,435	1,169	1,104	2,273	3,795	3,913	7,708
1914	520	672	1,192	268	269	537	788	941	1,729
1915	139	266	405	88	103	191	227	369	591
1916	7	58	65	16	22	38	23	80	103
*1917	3	19	22	2	2	4	5	21	26

* The figures are identical with those for January, the returns for the other months being nil.

No. 4.—Number of Marriages, Births, and Deaths registered in Western Australia from 1907.

Period.	Marriages Registered.	Births Registered.			Deaths Registered.			Excess of Births over Deaths.	Annual Birth, Death, and Marriage Rate per 1,000 of Mean Population.		
		M.	F.	Total.	M.	F.	Total.		Birth Rate.	Death Rate.	Marriage Rate.
1907	2,114	3,962	3,750	7,712	1,866	1,065	2,931	4,781	30·18	11·47	8·27
1912	2,524	4,469	4,220	8,689	2,210	1,125	3,335	5,354	28·83	11·06	8·37
1913	2,572	4,710	4,508	9,218	1,852	1,082	2,934	6,284	29·36	9·34	8·19
1914	2,660	4,663	4,541	9,204	1,942	1,101	3,043	6,161	28·45	9·41	8·22
1915	2,581	4,578	4,439	9,017	1,887	1,105	2,992	6,025	27·97	9·28	8·01
1916	2,365	4,439	4,124	8,563	1,981	1,104	3,085	5,478	27·21	9·80	7·51
March Quarter, 1917	430	1,070	1,032	2,102	470	240	710	1,392	27·64	8·02	5·65
June Quarter, 1917	416	1,075	948	2,023	465	259	724	1,299	26·32	9·42	5·41
Sept Quarter, 1917..	372	1,021	946	1,970	443	242	685	1,285	25·32	8·80	4·78
October, 1917	138	318	315	633	148	80	228	405	24·12	8·69	5·26
November, 1917 ..	123	304	281	585	138	79	217	368	23·00	8·53	4·84
December, 1917 ...	140	263	291	554	141	69	210	344	21·08	7·99	5·33
December Qtr., 1917	401	885	887	1,772	427	228	655	1,117	22·75	8·41	5·15
Twelve months, 1917	1,619	4,054	3,813	7,867	1,805	969	2,774	5,093	25·50	8·99	5·25

II.—CENSUS OF 1911.

NOTE.—All figures are exclusive of full-blooded aborigines. These, so far as enumerated, numbered 3,433 males, 2,936 females, total, 6,369. This includes only those who were in the employ of whites at date of the Census, or were living in a civilised or semi-civilised condition in the vicinity of settlements of whites at that date.

No. 5.—Summary of Populations of Local Government Areas in Western Australia on 3rd April, 1911.

Local Government Areas.				Population.		
				Males.	Females.	Total.
Municipalities—						
Metropolitan .. ..	..	..	..	45,676	46,462	92,138
Other .. ..	..	..	..	27,500	24,170	51,670
Total .. ..	..	..	..	73,176	70,632	143,808
Road Districts .. ..	..	..	..	82,543	48,747	131,290
Shipping .. ..	..	..	..	5,846	1,170	7,016
Total for the State ..				161,565	120,549	282,114

III.—FINANCE.

No. 6.—Details of State Revenue of Western Australia from 1st July, 1907, to 31st December, 1917.

Period.	Collected by the State.					From Common- wealth Funds.	‡ Total State Revenue.	‡ Per head of Popu- lation.
	Taxation.	Land, Timber, and Mining.	Business and Trading Concerns.		Other Sources.			
			* Railways.	‡ Other.				
	£	£	£	£	£	£	£	£
1907-8	277,463	266,079	1,518,776	349,813	211,006	753,510	3,376,641	13·267
1912-13	393,615	388,033	2,047,821	774,275	357,304	635,611	4,596,659	15·017
1913-14	386,104	404,062	2,382,022	954,814	437,378	640,963	5,205,343	16·217
1914-15	371,961	396,544	2,163,790	1,210,571	366,572	631,287	5,140,725	15·904
1915-16	407,957	381,445	2,217,250	1,320,500	413,722	616,104	5,356,978	16·846
1916-17 <i>a</i>	402,337	330,148	2,004,148	759,200	486,707	594,467	4,577,007	14·732
July to December, 1917	209,890	153,910	871,629	268,532	190,106	284,988	1,979,055	6·407

* Including Perth Electric Tramways from 1st July, 1913.

† The figures for 1916-17 are not comparable with those for previous years, before the operation of the State Trading Concerns Act.

a Rearranged from preceding issue in accordance with Treasury classification.

No. 7.—Details of State Expenditure of Western Australia from 1st July, 1907, to 31st December, 1917.

Period.	Interest and Sinking Funds, Public Debt.	Lands, Surveys, Forests, and Mines.	Business and Trading Concerns.		Educa- tion.	All other.	£ Total State Expendi- ture.	£ Per head of Popu- lation.	Debit Balance at end of period.
			† Rail- ways.	§ Other.					
1907-8 ..	£ 909,504	£ 182,521	£ 1,024,774	£ 179,169	£ 176,022	£ 907,016	£ 3,379,006	£ 13.275	£ 211,099
1912-13 ..	1,207,967	160,461	1,518,293	501,749	292,246	1,106,347	4,787,063	15.637	311,515
1913-14 ..	1,384,096	150,329	1,658,276	737,150	318,725	1,092,178	5,340,754	16.654	446,926
1914-15 ..	1,546,652	132,491	1,588,966	1,118,480	326,799	993,154	5,706,542	17.667	1,012,743
1915-16 ..	1,664,137	116,824	1,602,400	1,038,152	331,156	952,532	5,705,201	17.937	1,360,965
1916-17a ..	1,765,839	121,071	1,546,450	410,094	347,632	1,085,678	5,276,764	16.979	£ 699,757
July to Dec., 1917	924,847	55,252	665,510	159,753	178,692	452,446	2,436,500	7.888	1,081,815

† Including Perth Electric Tramways from 1st July, 1913. § See note † to foregoing Table. a Figures re-arranged from preceding issue in accordance with Treasury classification.

No. 8.—Public Debt of Western Australia, 1908 to 1917 ; also Indebtedness per head of Estimated Population.

Date.	Amount outstanding.				Average nominal interest payable.	Accrued Sinking Fund on 31st March.	Net Indebtedness (Approximate).	
	Deben- tures.	Inscribed Stock.	Treasury Bills.	Total.			Amount.	Per head of Population.
30th June—	£	£	£	£	%	£	£	£
1908 ..	419,200	19,374,268	700,150	20,493,618	3.44	1,904,433	18,589,185	71.970
1913 ..	381,000	28,422,366	1,473,070	30,276,436	3.52	3,309,345	26,967,091	85.899
1914 ..	372,700	33,614,411	433,070	34,420,181	3.59	3,692,103	30,728,078	94.853
1915 ..	364,400	33,923,071	2,735,151	37,022,622	3.63	4,068,888	32,953,734	102.174
1916 ..	359,300	34,097,751	4,682,625	39,139,676	3.67	4,528,432	34,611,244	109.986
1917 ..	1,701,700	33,866,076	*5,347,050	40,914,826	3.77	5,035,963	35,878,863	116.167

* Including £690,000 under the Treasury Bonds Deficiency Act, 1916.

No. 9.—Transactions of Commonwealth Savings Bank in Western Australia from 13th January, 1913.

Period.	* Amount deposited during period.	* Amount withdrawn during period.	Excess of De- posits over With- drawsals.	Number of Accounts.			Due to Depositors at end of period.†	Avera ge to credit of each account.	Average per head of popu- lation.
				Opened.	Closed.	Remain- ing open.			
1913 † ..	£ 148,715	£ 33,343	£ 115,372	No. 4,398	No. 284	No. 4,114	£ 112,359	£ 27.311	£ 0.358
1913-1914 ..	409,040	227,256	181,784	7,666	1,669	10,111	277,956	27.490	0.858
1914-1915 ..	553,991	322,828	231,163	8,969	2,191	16,889	497,714	29.470	1.543
1915-1916 ..	762,942	521,002	241,940	9,523	2,870	23,542	726,419	30.856	2.308
1916-1917 ..	973,519	667,375	306,144	10,030	3,410	30,162	1,025,661	34.005	3.324
Sept. Quarter, 1917	273,068	172,226	100,842	2,337	662	31,807	1,119,370	35.193	3.624

* Exclusive of transfers from and to other States of the Commonwealth, but including interest on accounts closed. † 13th January to 30th June. ‡ Inclusive of Accrued Interest.

No. 10.—Transactions of the Government Savings Bank from 1907a.

Period.	Amount deposited.	Amount withdrawn.	Interest.	Number of Accounts.			Due to Depositors.||	Average per Account.	*Average per head of population.
				Opened.	Closed.	Remaining open			
	£	£	£	No.	No.	No.	£	£	£
1907-8	2,022,038	1,848,360	77,508	17,078	14,272	67,695	2,879,882	42·542	11·155
1912-13	3,716,185	3,684,046	125,440	22,308	16,901	101,630	4,545,218	44·723	14·534
1913-14	4,551,872	4,600,884	128,276	b 26,003	b 21,744	105,889	4,624,482	43·673	14·346
1914-15	3,743,135	3,878,854	129,639	18,917	17,572	107,234	4,618,402	43·068	14·401
1915-16	3,640,874	3,828,187	146,339	18,031	15,331	109,934	4,577,428	41·638	14·640
1916-17	3,523,851	3,471,959	151,414	17,226	12,146	115,014	4,780,734	41·567	15·609
July to Dec., 1917 ..	1,823,884	1,746,255	†2,324	7,277	5,467	116,824	†4,860,687	41·607	15·842

§ SCHOOL SAVINGS BANK.

1907-8 ‡	1,524	223	6	2,846	201	2,645	1,307	0·496	**0·042
1912-13	12,437	7,966	298	5,504	2,446	15,457	17,520	1·133	**0·421
1913-14	14,710	9,642	428	5,613	2,560	18,510	23,016	1·242	**0·521
1914-15	14,068	11,448	539	5,070	2,926	20,654	26,175	1·267	**0·562
1915-16	13,967	11,202	676	5,066	b 2,770	22,982	29,616	1·287	**0·646
1916-17	18,785	13,987	802	5,775	2,726	26,031	35,216	1·353	**0·735
July to Dec., 1917 ..	11,444	9,004	† 16	2,126	1,172	26,985	37,672	1·396	**0·792

*Including School Savings Bank Deposits. ‡ Interest on those accounts only which were closed during the period.
 † Also includes Transactions for month of June, 1907. § Worked in connection with Government Savings Bank.
 ¶ Exclusive of amount *in transitu* £517. || Exclusive of accrued interest from 1st July, 1917.
 ** Per head of number of school children on the Roll. a Exclusive of figures relating to Depositors' Unclaimed Fund.
 b Figures corrected from previous issue.

No. 11.—Averages from 1907 of the Weekly Statements of Liabilities and Assets of the Cheque-paying Banks (formerly Banks of Issue) operating in Western Australia.

Period.			No. of Banks.	Liabilities.						Total Average Liabilities.
				Notes in Circulation.	Bills in Circulation.	Balances due to other Banks.	Deposits.			
							Not bearing Interest.	Bearing Interest.	Total.	
				£	£	£	£	£	£	£
1907			6	330,621	45,757	126,536	3,194,892	2,153,316	5,348,208	5,851,122
1912			6	44,777	81,040	205,841	3,731,063	2,966,294	6,697,357	7,029,015
1913			7	32,992	67,886	275,125	3,588,005	2,832,448	6,420,453	6,796,456
1914			7	29,487	67,165	314,386	3,781,284	3,112,431	6,893,715	7,304,753
1915			8	28,248	72,028	323,781	3,857,557	3,757,174	7,614,731	8,038,788
1916			8	27,632	67,283	294,492	4,080,959	3,968,365	8,049,324	8,438,731
1917, 1st Quarter ..			8	27,289	65,070	325,850	4,200,821	4,044,656	8,245,477	8,663,686
1917, 2nd Quarter ..			8	27,173	43,771	181,387	4,342,386	4,177,112	8,519,498	8,771,829
1917, 3rd Quarter ..			8	27,097	47,934	292,976	4,342,159	4,427,028	8,769,187	9,137,194

Assets.									
Period.	Coined Gold, Silver, and other metals.	Gold and Silver in Bullion and Bars.	Government, Municipal, and Public Securities.	Landed Property and Bank Premises.	Australian Notes.	Notes and Bills of other Banks.	Balances due from other Banks.	Notes and Bills discounted, and other Debts.	Total Average Assets.

a Corrected from preceding issue.

IV.—SHIPPING.

No. 12.—Number and Tonnage of Vessels (including Vessels trading only within the State) entered and cleared at the Various Ports of Western Australia during the undermentioned periods.

VESSELS INWARDS.

Ports.	Year ended 30th June, 1917.				Quarter ended 30th September, 1917.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	No.	No.	No.	No.	No.	No.	No.	No.
Fremantle	274	279	46	599	36	23	10	69
Albany	53	167	99	319	6	14	13	33
Bunbury	16	3	55	74	2	...	8	10
Geraldton	10	5	68	83	...	1	12	13
Broome	16	2	29	47	2	...	9	11
Carnarvon	16	2	74	92	1	1	12	14
Onslow	13	2	38	53	1	1	7	9
Point Samson	14	2	50	66	1	1	12	14
Port Hedland	13	2	37	52	1	1	8	10
Derby	10	2	39	51	1	...	13	14
Other Ports	4	3	127	134	...	1	9	10

TONNAGE INWARDS.

Ports.	Year ended 30th June, 1917.				Quarter ended 30th September, 1917.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.
Fremantle	953,094	1,048,816	55,901	2,057,811	125,541	77,755	18,671	221,967
Albany	180,377	561,401	223,618	965,396	22,422	53,038	21,931	97,381
Bunbury	42,635	5,143	71,661	120,499	4,213	...	12,990	17,203
Geraldton	16,200	11,915	52,241	80,356	...	1,844	9,119	10,963
Broome	25,045	3,688	49,223	77,956	3,480	...	12,250	15,730
Carnarvon	26,584	3,688	62,803	93,075	1,636	1,844	15,649	19,129
Onslow	21,601	3,688	49,568	74,857	1,636	1,844	12,227	15,707
Point Samson	23,262	3,688	61,059	88,009	1,636	1,844	14,142	17,622
Port Hedland	21,626	3,688	53,728	79,042	1,636	1,844	10,179	13,659
Derby	16,643	3,688	63,447	83,778	1,636	...	20,219	21,855
Other Ports	9,901	5,332	71,490	86,923	...	1,844	10,399	12,243

VESSELS OUTWARD.

Ports.	Year ended 30th June, 1917.				Quarter ended 30th September, 1917.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	No.	No.	No.	No.	No.	No.	No.	No.
Fremantle	266	287	40	593	25	35	9	69
Albany	141	66	114	321	11	6	18	35
Bunbury	23	25	23	71	2	5	3	10
Geraldton	15	3	64	82	1	1	11	13
Broome	16	2	30	48	3	1	6	10
Carnarvon	16	3	79	98	3	1	11	15
Onslow	12	3	38	53	3	1	6	10
Point Samson	13	3	46	62	3	1	10	14
Port Hedland	13	3	35	51	3	1	6	10
Derby	8	3	38	49	3	1	12	16
Other Ports	4	6	132	142	1	2	12	15

TONNAGE OUTWARD.

Ports.	Year ended 30th June, 1917.				Quarter ended 30th September, 1917.			
	Oversea.	Interstate.	Within the State.	Total.	Oversea.	Interstate.	Within the State.	Total.
	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.
Fremantle	908,358	1,102,207	48,712	2,059,277	70,345	136,149	13,062	219,556
Albany	466,778	245,524	254,565	966,867	44,642	23,801	29,522	97,965
Bunbury	57,714	47,237	11,379	116,330	3,880	9,896	3,427	17,203
Geraldton	26,743	5,532	48,829	81,104	4,958	1,844	6,342	13,144
Broome	23,054	5,532	49,981	78,567	4,958	1,844	10,588	17,390
Carnarvon	23,301	5,532	68,332	97,165	4,958	1,844	13,964	20,766
Onslow	19,757	5,532	49,558	74,847	4,958	1,844	10,540	17,342
Point Samson	21,418	5,532	59,395	86,345	4,958	1,844	12,396	19,198
Port Hedland	21,418	5,532	51,993	78,943	4,958	1,844	8,428	15,230
Derby	13,188	5,532	63,262	81,982	4,958	1,844	18,532	25,334
Other Ports	7,888	10,605	73,896	92,389	2,831	3,688	12,872	19,391

No. 13.—Number and Tonnage of Vessels entered and cleared at Western Australian Ports from and to Ports outside the State during the undermentioned periods.

Year.	Inwards.		Outwards.		Inwards and Outwards.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
1908	588	1,819,492	592	1,816,805	1,180	3,636,297
1913	879	3,032,521	873	3,022,958	1,752	6,055,479
1914 *	527	1,798,007	527	1,794,670	1,054	3,592,677
1914-15 †	650	2,366,855	655	2,384,122	1,305	4,750,977
1915-16 †	685	2,491,537	689	2,492,875	1,374	4,984,412
1916-17 †	728	2,548,339	731	2,557,936	1,459	5,106,325
Quarter ended 30th September, 1917	71	251,848	75	259,406	146	511,254

* Six months ended 30th June.

† Year ended 30th June.

V.—CUSTOMS AND EXCISE COLLECTIONS.

No. 14.—Gross Customs and Excise Collections in Western Australia during the undermentioned periods.

STATIONS.	Year ended 30th June, 1917.			Six months ended 31st December, 1917.		
	Customs.	Excise.	Total.	Customs.	Excise.	Total.
	£	£	£	£	£	£
Fremantle	300,901	55,128	356,029	86,582	25,349	111,931
Albany	9,831	1,113	10,944	2,273	486	2,759
Bunbury	2,235	231	2,466	719	23	742
Broome	14,588	128	14,716	7,193	43	7,236
Carnarvon	2,430	5	2,435	814	62	876
Roebourne	841	..	841	359	..	359
Derby	642	168	810	80	..	80
Geraldton	8,042	3,100	11,142	2,083	1,687	3,770
Onslow	368	15	383	146	19	165
Perth	323,204	82,018	405,222	93,669	45,263	138,932
Port Hedland	1,235	151	1,386	812	132	944
Other Ports	2,824	4	2,828	256	..	256
Total	667,141	142,061	809,202	194,986	73,064	268,050

VI.—TRADE.

NOTE.—Export Values of Gold, Specie, Bullion, etc., at present not available.

No. 15.—Value of Imports into Western Australia during the undermentioned periods.

Imports from.	1908.	1913.	*1914.	†1914-15.	†1915-16.	†1916-17.
	£	£	£	£	£	£
United Kingdom	2,022,804	3,303,522	1,491,191	2,414,839	2,292,187	2,598,834
Other States of Com'wealth	2,966,176	4,484,991	2,127,796	4,315,082	4,813,891	4,995,823
New Zealand	21,014	21,732	11,835	40,853	26,727	41,824
Other British Possessions ..	289,953	594,369	281,585	465,995	847,233	702,896
Total, British	5,299,947	8,404,614	3,912,407	7,236,709	7,980,039	8,339,377
Foreign Countries	878,250	1,488,091	771,534	1,064,511	1,002,962	1,042,833
Grand Total	6,178,197	9,892,705	4,683,941	8,301,280	8,983,000	9,382,210
Value of Imports per head of Mean Population ..	£ 23·963	£ 31·504	£ 14·517	£ 25·629	£ 28·137	£ 30·198

* Six months ended 30th June.

† Year ended 30th June.

No. 16.—Value of ‡ Exports from Western Australia during the undermentioned periods.

Exports to.	1908.	1913.	*1914.	†1914-15.	†1915-16.	§1916-17.
	£	£	£	£	£	
United Kingdom	3,243,647	2,233,666	1,732,123	1,451,578	2,510,366	Inter- state, Oversea, £1,082,788 £4,360,873
Other States of Com'wealth	914,891	1,153,835	2,237,140	2,088,590	3,355,493	
New Zealand	132,046	52,891	52,626	64,277	14,288	
Other British Possessions ..	2,059,609	4,944,625	468,672	1,290,593	1,594,825	
Total, British	6,350,193	8,385,017	4,490,561	4,895,038	7,474,972	
Foreign Countries	3,087,535	409,525	640,488	314,350	264,974	
Ships' Stores	80,292	146,466	78,499	142,752	300,538	
Grand Total	9,518,020	8,941,008	5,209,548	5,352,140	8,040,484	5,443,661
Value of Exports per head of Mean Population	£ 36·916	£ 29·071	£ 16·146	£ 16·525	£ 25·187	£ 17·522

* Six months ended 30th June. † Year ended 30th June. ‡ No oversea export figures can be given after 31st August, 1917. § Details of distribution not available.

No. 17.—Total Value of Imports into and Exports from the State of Western Australia from and to the other States of the Commonwealth during the undermentioned periods.

Origin.	New South Wales.	Victoria.	Queens-land.	South Aus-tralia.	Tas-mania.	Northern Territory.	Total.
---------	------------------	-----------	--------------	-------------------	------------	---------------------	--------

IMPORTS—YEAR ENDED 30TH JUNE, 1917.

	£	£	£	£	£	£	£
Australian ..	1,425,417	2,225,526	108,259	459,763	56,069	1,439	4,276,473
Oversea ..	185,633	454,913	2,528	76,021	9	246	719,350
Total ..	1,611,050	2,680,439	110,787	535,784	56,078	1,685	4,995,823

EXPORTS—YEAR ENDED 30TH JUNE, 1917.

West Australian ..	251,254	349,591	1,240	154,624	3,862	21,849	782,420
Other Australian	18,827	79,562	1,326	11,320	133	49	111,217
Oversea ..	56,227	64,653	3,098	43,261	4,400	611	172,250
Total ..	326,308	493,806	5,664	209,205	8,395	22,509	1,065,887

IMPORTS—HALF-YEAR ENDED 31ST DECEMBER, 1917.

Australian ..	495,274	896,804	32,295	227,426	22,401	2,494	1,676,694
Oversea ..	97,364	164,196	456	35,850	..	451	298,317
Total ..	592,638	1,061,000	32,751	263,276	22,401	2,945	1,975,011

EXPORTS—HALF-YEAR ENDED 31ST DECEMBER, 1917.

West Australian ..	109,761	89,833	105	93,438	299	63	293,499
Other Australian	10,238	10,725	20	6,493	..	15	27,491
Oversea ..	36,783	29,290	4,845	16,735	2,411	430	90,494
Total ..	156,782	129,848	4,970	116,666	2,710	508	411,484

No. 18.—Value of Imports and Exports, Oversea and Interstate, of the Ports of Western Australia during the undermentioned periods.

Ports, etc.		Year ended 30th June 1917.		Half-year ended 31st December, 1917.					
		Value of Trade.		Value of Imports.			Value of Exports.†		
		Imports.	Exports.	Oversea.	Interstate.	Total.	Oversea.‡	Interstate.	
Fremantle	...	£ 4,957,473	£ 3,618,992	£ 752,342	£ 1,206,215	£ 1,958,557	£ 344,188	£ 244,461	
Perth	...	2,999,814	96,848	368,218	646,203	1,014,421	...	46,423	
Albany	...	254,942	489,271	19,965	42,930	62,895	11,744	27,632	
Geraldton	...	52,932	132,828	8,354	6,652	15,006	103,274	16,849	
Bunbury	...	29,141	553,750	1,734	65,065	66,799	389	81,402	
Broome	...	59,827	206,400	25,872	1,327	27,199	13,777	...	
Cossack	...	1,850	66,209	574	...	574	...	...
Busselton	...	...	11,666	...	...	...	...	...
Carnarvon	...	9,792	106,436	1,868	1,066	2,934	...	...
Port Hedland	...	4,420	87,871	969	...	969	...	1,345	
Derby	...	1,462	34,762	39	212	251	...	...
Onslow	...	465	24,894	100	...	100	...	...
Esperance *	...	569	...	...	331	331	...	...
Hopetoun	...	2,040	12	...	845	845	...	...
Eucla *	...	...	60	...	...	...	...	20
Shark Bay	...	...	...	...	...	...	...	...
Wyndham	...	7,483	13,662	...	4,165	4,165	...	148	
Balla Balla	...	...	...	...	...	...	...	...
Total	...	9,382,210	5,443,661	1,180,035	1,975,011	3,155,046	473,372	418,280	

* Interstate Port of entry only.

† Including Ships' Stores.

‡ For the two months ended 31st

August, see Note (i), Table No. 16, page 10.

No. 19.—Value of the more important Products of Western Australia exported, and of the total Exports, also of the total production of Coal, during the undermentioned periods.

Articles.	1908.	1913.	Six months ended 30th June, 1914.	Year ended 30th June, 1915.	Year ended 30th June, 1916.	Year ended 30th June, 1917.	Half-year ended 31st December, 1917.
Gold Specie (including Exports of Local Gold coined at Perth Mint)	£ 4,937,734	*3,478,041	*2,023,825	*1,837,412	*2,389,229	<i>g</i>	<i>g</i>
Principal Articles of Export, being the produce of Western Australia—							
† Uncoined Gold	£ 2,054,020	892,222	277,171	448,990	856,198	<i>g</i>	<i>g</i>
Wool ... { Quantity lb.	20,743,045	25,732,349	4,881,071	24,004,807	29,103,454	24,405,283	1,307,122
... { Value £	637,008	976,818	182,039	817,630	1,273,183	1,420,291	71,244
Timber	£ 813,591	1,089,481	502,153	808,392	442,014	310,893	81,699
Hides and Skins	£ 137,931	256,417	104,475	149,931	251,822	218,219	100,867
Pearls and Shell	£ 290,741	374,729	135,970	178,055	162,597	†196,977	‡ 13,777
Sandalwood	£ 76,668	47,589	39,800	78,926	61,381	72,669	11,646
Mallet Bark	£ 79,934	47,377	18,197	6,127	10,208	18,959	2,168
Copper (Ingot, Ore, and Matte)	£ 57,091	142,363	8,339	69,286	67,082	<i>f</i>	<i>f</i>
Tin, Dressed and Ingot	£ 83,595	72,142	24,623	25,665	46,183	<i>f</i>	<i>f</i>
Silver (Bar, Ingot, etc.)	£ 18,877	23,420	15,175	20,793	20,876	<i>f</i>	<i>f</i>
Wheat ... { Quantity Cents	127,080	2,463,540	4,371,671	12	2,358,540	4,278,342	398,307
... { Value £	45,005	763,798	1,343,856	10	1,023,362	1,619,630	152,338
Flour ... { Quantity Cents	10,561	597,018	365,358	58,992	345,947	624,715	344,532
... { Value £	5,066	239,840	158,011	26,630	213,991	424,362	196,002
Mutton and Lamb	£ 1,366	...	...	...	...	...	...
Fruit ... { Quantity Cents	1,676	29,064	46,983	33,851	17,687	59,478	46,735
... { Value £	2,262	32,274	68,280	46,417	22,236	85,829	15,184
All other Articles	£ 276,841	692,069	309,634	837,876	1,200,122	h1,075,832	h 246,727
Total Exports	£ 9,518,020	9,128,607	5,209,548	5,352,140	8,040,484	5,443,661	i 891,652
Coal produced { Quantity Tons	175,248	313,888	152,444	292,100	289,296	326,341	162,033
... { Value £	75,594	153,614	71,294	137,575	140,388	182,852	99,041

* The exact amount, being Western Australian mintage, cannot be ascertained with any accuracy. † For Total Production of Gold see Table No. 25, p. 22. § The exports of the principal articles of mineral production may be taken as representing the bulk of the output. Coal, however, is at present principally used for local purposes.

† Exclusive of pearls. *f* Included in All Other Articles. *g* Information not at present available for publication.

h Including Silver and Copper and Tin Ores, Ingots, and Matte. *i* Including Oversea Exports for July and August see Note ‡, Table No. 16, page 10.

TRADE.

No. 20.—Principal Imports, Oversea and Interstate, during the half-year ended 31st December, 1917.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
		£			£	£		£
Aerated and Mineral Waters ...	...	129	...	...	583	...	...	712
Ale and Beer, in bottles ... gal.	13,666	3,323	3,504	240	759	128	17,410	4,210
Ale and Beer, in bulk ... "	...	...	3,856	...	405	...	3,856	405
Animals, Living—								
Cattle ...	No.	...	27	...	959	...	27	959
Sheep ...	...	...	1,937	...	9,562	...	1,937	9,562
Pigs ...	1	2	6	...	65	...	7	67
Other ...	...	140	...	...	227	...	...	367
Apparel and Soft Goods ...	...	227,384	...	...	238,909	85,224	...	551,517
Bags, Baskets, Boxes ...	...	2,043	...	...	2,325	649	...	5,017
Bark, Tanning ... cwt.	...	...	8	1	5	2	9	7
Belting, all kinds ...	...	1,603	...	...	1,757	512	...	3,872
Biscuits ... lb.	6,038	129	305,427	...	11,973	...	311,465	12,102
Blacking, including Dressings ...	...	685	...	...	5,464	147	...	6,296
Blue, Laundry ... lb.	...	...	49,850	11,840	1,576	342	61,690	1,918
Boats, Launches, and Yachts ...	...	203	...	...	79	...	...	282
Books, Music, Periodicals ...	...	14,579	...	...	3,249	2,948	...	20,776
Boots and Shoes ...	...	6,883	...	...	100,094	569	...	107,546
Brushware ...	...	1,797	...	...	1,321	541	...	3,659
Butter ... lb.	1,349	86	2,218,692	...	165,173	...	2,220,041	165,259
Butter, Substitutes for ...	...	...	176,309	...	5,809	...	176,309	5,809
Candles ...	...	...	32,972	...	1,323	...	32,972	1,323
Cement ... cwt.	5,022	692	17,730	...	4,206	...	22,752	4,898
Cheese ... lb.	221	11	625,521	2,201	31,102	206	627,943	31,319
Clocks and Watches ...	...	3,617	...	...	153	48	...	3,818
Coal ... tons	13,206	35,864	24,780	...	20,534	...	37,986	56,398
Cocoa and Chocolate ... lb.	154,259	4,955	16,993	15,689	1,506	1,713	186,941	8,174
Coffee and Chicory ...	73,397	2,133	37,940	9,428	1,802	637	120,765	4,572
Coke ... tons	...	...	2,503	...	4,888	...	2,503	4,888
Confectionery ... lb.	15,925	1,373	336,999	15,998	16,475	1,515	368,922	19,363
Copper, Bar, Rod, etc. ... cwt.	376	3,036	34	42	478	474	452	3,988
Cordage and Twines ...	...	17,481	...	...	8,504	13,770	...	39,755
Drugs and Chemicals—								
Acid, Tartaric ... cwt.	82	1,394	...	29	...	660	111	2,054
Cream of Tartar ...	235	2,824	...	70	1,477	305	...	4,301
Other ...	...	62,338	...	...	33,591	13,817	...	109,746
Earthenware and China ...	...	5,804	...	...	1,767	1,189	...	8,760
Eggs in shell ... doz.	1,025	44	22,225	...	1,154	...	23,250	1,198
Eggs in pulp ... lb.	...	...	8,092	...	363	...	8,092	363
Fancy Goods ...	...	4,788	...	...	15,615	5,453	...	25,856
Fish (all kinds) ...	...	6,600	...	...	2,286	1,537	...	10,423
Fruits, Dried—								
Currants ... lb.	...	...	161,260	...	4,266	...	161,260	4,266
Raisins ...	3,343	108	262,783	...	8,283	...	266,126	8,391
Dates ...	...	...	...	5,574	...	129	5,574	129
Other ...	9,392	271	85,988	1,250	2,878	33	96,630	3,182
Fruits and Vegetables in liquid ...	...	1,594	...	...	3,839	54	...	5,487
Fruits, Fresh—								
Bananas ... cntls.	7,450	8,090	1,203	...	1,153	...	8,653	9,243
Citrus ...	24	29	...	...	...	...	24	29
Other ...	125	88	585	...	669	...	710	757
Furniture ...	...	386	...	...	5,923	189	...	6,498
Glass and Glassware ...	...	4,219	...	...	2,254	992	...	7,465
Grain and Pulse—								
Barley ... cntls.	17	8	10	...	6	...	27	14
Beans and Peas ...	766	878	433	32	654	46	1,231	1,578
Maize ...	...	...	1,417	...	606	...	1,417	606
Oats ...	2	1	1,344	...	396	...	1,344	397
Other, unprepared ...	609	565	...	...	...	...	609	565
Flour (Wheaten) ...	17	10	1,027	...	636	...	1,044	646
Malt ...	...	...	11,842	...	9,846	...	11,842	9,846
Oatmeal, etc. ... lb.	22,982	442	1,141,901	22,680	10,010	810	1,187,563	11,262
Rice ... cntls.	7,427	5,732	10,110	907	11,203	960	18,444	17,895
Other, prepared ...	262	264	5,566	30	5,874	34	5,858	6,172
Hats and Caps ...	...	3,428	...	...	19,604	601	...	23,633
Hay and Chaff ... cwt.	...	...	436	...	113	...	436	113
Honey ... lb.	...	...	7,618	...	231	...	7,618	231
Hops ...	...	...	48,973	3,900	3,130	253	52,873	3,383
Implements and Machinery, Agricultural, Horticultural, and Viticultural ...	...	6,093	...	...	18,559	3,757	...	28,409
Instruments, Musical—								
Pianos ...	65	2,419	20	12	955	856	97	4,230
Other ...	...	437	...	...	65	388	...	890
Instruments other than Musical ...	...	3,924	...	...	3,817	3,452	...	11,193
Iron and Steel—								
Bar, Rod, Blooms, Slabs, etc. cwt.	10,504	13,856	2,864	846	3,876	1,863	14,214	19,595
Galvanised, Plate and Sheet, including Corrugated not Galvanised ...	9,356	16,176	...	518	...	1,985	9,874	18,161
Pig and Scrap ...	2,000	550	4,989	...	1,861	...	6,989	2,411

TRADE—continued.

No. 20.—Principal Imports, Oversea and Interstate, during the half-year ended 31st December, 1917—continued.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
Jams and Jellies ... lb.	2,043	£ 63	1,730,042	...	£ 33,256	£ ...	1,732,085	£ 33,319
Jewellery ...	...	2,605	...	...	10,510	57	...	13,172
Jute Goods, including Bags and Sacks ...	...	213,295	...	...	241	3,432	...	216,968
Lamps, Lampware, Mantles ...	...	2,668	...	...	1,861	1,254	...	5,783
Lard, Lard Oil, and Refined Fats ... lb.	60	1	154,179	2,050	4,495	78	156,289	4,574
Lead, Sheet and Pipe ... cwt.	...	...	212	7	420	19	219	439
Leather ...	...	279	...	...	19,759	190	...	20,228
Limejuice and other Fruit Juices ... gal.	1,005	223	4,847	...	1,355	...	5,852	1,578
Linseed ... cntls.	238	210	25	8	28	11	271	249
Machines and Machinery (except Agricultural, see "Imports") ...	...	34,099	...	...	26,245	13,717	...	74,061
Manures—	...	...	...	...	...	...	...	...
Ammonia Sulphate ... cwt.	...	...	2,321	...	2,671	...	2,321	2,671
Bonedust ...	...	...	5,460	...	2,185	...	5,460	2,185
Rock Phosphate ...	117,520	23,269	...	...	...	...	117,520	23,269
Soda Nitrate ...	...	...	...	1,000	...	1,000	...	1,000
Other, N.E.I. ...	100	136	9,268	...	4,233	...	9,368	4,369
Matches, Vestas ... gross boxes	26,566	4,465	22,722	1,250	4,791	272	50,478	9,589
Meats—	...	...	...	...	...	...	...	...
Bacon and Hams ... lb.	322	16	1,237,885	...	68,789	...	1,238,207	68,805
Preserved by cold process—	...	...	...	...	...	...	...	...
Beef ...	7,224	221	...	...	...	...	7,224	221
Poultry ...	442	16	5,969	...	313	...	6,411	329
Rabbits and Hares ...	...	...	88,060	...	1,621	...	88,060	1,621
Other ...	1,860	46	840	...	32	...	2,700	78
Preserved, in tins ...	896	65	154,062	...	7,548	...	154,958	7,613
Pork, Salt and Meats, N.E.I. ...	12	40	34,017	...	1,003	...	34,029	1,043
Metals, Manufactures of ...	...	48,086	...	...	33,209	8,130	...	89,425
Milk and Cream Preserved ... lb.	19,133	1,927	2,206,584	...	72,710	...	2,225,717	74,637
Mustard ...	22,654	1,794	1,206	2,763	108	225	26,623	2,128
Oil Cake, including Linseed Cake ... cntls	6,650	1,984	2,058	...	978	...	8,708	2,962
Oils in vessels up to 1 gallon ...	...	777	...	...	1,240	16	...	2,033
Oils, Bulk—	...	...	...	...	...	...	...	...
Castor ... gal.	3,622	672	808	43	212	16	4,473	900
Cocoonut ...	...	...	7,000	...	1,738	...	7,000	1,738
Eucalyptus ...	...	299	...	...	...	...	...	299
Kerosene ... gal.	110,454	4,116	...	444	...	59	110,898	4,175
Olive ...	460	170	...	886	...	1,072	1,346	1,242
All other ...	...	34,711	...	...	9,068	8,919	...	52,698
Oilmen's Stores ...	...	2,170	...	...	16,083	3,718	...	21,971
Onions ... cwt.	52	51	13,433	...	8,119	...	13,485	8,170
Paints and Colours, Varnishes ...	...	4,798	...	...	5,778	415	...	10,991
Paper—	...	...	...	...	...	...	...	...
Printing ...	...	14,457	...	...	32	2,240	...	16,729
All other ...	...	5,642	...	...	4,357	2,941	...	12,940
Perfumery ...	...	4,825	...	...	3,316	1,498	...	9,639
Personal and Household Effects ...	...	204	...	...	2,199	48	...	2,451
Photographic Goods and Materials ...	...	888	...	...	2,152	2,134	...	5,174
Pickles and Sauces ...	...	2,725	...	...	3,892	69	...	6,686
Pictures ...	...	176	...	...	115	10	...	301
Pipes (smoking), Cigar and Cigarette Holders, etc. ... cwt.	75	121	4,524	63	1,797	98	4,662	2,016
Pitch, Tar, and Bitumen ...	...	29	...	...	781	...	...	810
Plants, Trees, Bulbs, etc. ... cwt.	173	109	26,683	...	8,732	...	26,856	8,841
Potatoes ... lb.	14,596	5,021	...	5,225	...	1,726	19,821	6,747
Quicksilver ...	...	33	...	...	11,128	...	...	11,161
Railway Material, viz., rails, etc. ...	...	11,305	...	...	15,761	2,856	...	29,922
Rubber Goods ... cwt.	3,423	551	5	...	7	...	3,423	558
Salt, Rock ...	1	1	10,686	...	2,341	...	10,687	2,342
Salt, N.E.I. ...	...	818	...	...	213	594	...	1,625
Sausage Casings ...	...	...	...	...	...	...	...	...
Shale, Kerosene ... ton.	9,965	475	702,266	32,713	17,900	1,767	744,944	20,142
Soap ... lb.	...	...	...	...	...	...	...	...
Spirits—	...	...	...	...	...	...	...	...
Brandy ... gal.	6,314	7,672	3,880	450	3,085	623	10,644	11,380
Gin (including Schnapps, etc.) ...	10,222	4,987	127	640	127	613	10,989	5,727
Rum ...	2,316	1,216	...	...	...	...	2,316	1,216
Whisky ...	66,733	50,755	872	6,684	373	6,121	74,289	57,249
Other ...	...	7,974	...	...	1,227	316	...	9,517
Starch ... lb.	443	6	149,900	20	3,779	1	150,363	3,786
Stationery, Manufactured ...	...	5,844	...	...	11,092	858	...	17,794
Stearine ... lb.	...	...	211,840	...	6,989	...	211,840	6,989
Stone (including Marble and Slate) ...	...	2,340	...	...	164	517	...	3,021

TRADE—continued.

No. 20.—Principal Imports, Oversea and Interstate, during the half-year ended 31st December, 1917—continued.

Articles.	Oversea.		Interstate.				Total.	
	Quantity.	Value.	Quantity.		Value.		Quantity.	Value.
			Australian Origin.	Oversea Origin.	Australian Origin.	Oversea Origin.		
Sugar (Cane) cwt.	120	£ 140	113,040	973	£ 154,502	£ 1,538	114,133	£ 156,180
Tallow "	35	63	...	...	...	...	35	63
Tea "	758,686	29,464	...	693,030	...	48,073	1,451,716	77,537
Timber "	...	1,924	...	...	4,437	1,647	...	8,008
Tinned Plates and Sheet (plain) "	...	861	...	...	712	862	...	2,435
Tobacco, manufactured lb.	13,090	1,774	320,175	2,220	75,975	432	335,485	78,181
Tobacco, unmanufactured "	569	157	...	...	...	...	569	157
Tobacco, Cigars "	1,971	1,436	5,143	51	3,723	100	7,165	5,259
Tobacco, Cigarettes "	2,475	771	88,227	702	24,016	531	91,404	25,318
Tools of Trade "	...	11,231	...	...	814	476	...	12,521
Turpentine gal.	1,941	427	24	...	7	...	1,965	434
Umbrellas, Parasols, etc. "	...	56	...	...	1,471	639	...	2,166
Vehicles—								
Bicycles, etc. "	...	5,612	...	...	4,871	1,356	...	11,839
Other and Parts "	...	20,188	...	...	2,768	7,830	...	30,786
Vessels No.	12	3,000	...	...	...	...	12	3,000
Vinegar gal.	1,979	349	13,303	...	996	...	15,282	1,345
Wax—								
Paraffin lb.	193,791	4,320	...	8,960	...	318	202,751	4,638
Other "	81,840	1,660	25,305	...	781	...	107,145	2,441
Wicker, Cane, Bamboo—Manu- factures of "	...	779	...	...	4	2	...	785
Wine, Fermented—								
Sparkling gal.	141	294	...	9	...	15	150	309
Other "	929	466	59,956	36	20,333	144	60,921	20,943
Wood—All articles made of "	...	2,223	...	...	3,658	258	...	6,139
Zinc Ingots ... .. "	...	...	...	...	63	...	...	63
All other Articles "	...	96,765	...	...	118,657	16,388	...	231,810
Total Imports* "	...	1,180,035	...	...	1,676,694	298,317	...	3,155,046
					1,975,011			

* These figures are liable to slight revision.

OVERSEA TRADE.

No. 21.—Principal* Exports to places outside the Commonwealth during the two months ended 31st August, 1917.

Customs Classification Number.	ARTICLES.	Quantity.			Value.		
		Australian Origin.	Oversea Origin.	Total.	Australian Origin.	Oversea Origin.	Total.
1	Ale and Beer, in bottles ... gal.	8	...	8	£ 2	£	£ 2
8	Apparel, and Soft Goods ...	...	...	...	...	9	9
9	Bark, Tanning cwt.	3	...	3	1	...	1
22	Biscuits lb.	27,114	21	27,135	1,379	1	1,380
28	Confectionery	40	...	40	2	...	2
28	Drugs and Chemicals—Other ...	...	...	...	144	...	144
32	Fruits, Dried—						
	Currants lb.	16,140	...	16,140	471	...	471
	Fruits, Fresh—						
36	Apples cents	507	...	507	507	...	507
38	Citrus	123	...	123	120	...	120
39	Other	17	...	17	12	...	12
	Grain and Pulse—						
46	Oats	28	...	28	11	...	11
47	Wheat	398,307	...	398,307	152,338	...	152,338
49	Bran, Pollard, and Sharps... ..	728	...	728	420	...	420
50	Flour (Wheat)	343,797	...	343,797	195,574	...	195,574
56	Hay and Chaff cwt.	65	...	65	23	...	23
65	Jams and Jellies lb.	146	...	146	4	...	4
	Meats—						
76	Bacon and Hams lb.	85	...	85	5	...	5
87	Milk and Cream, Preserved, etc. lb.	36	36	72	2	2	4
98	Oilmen's Stores ... ...	...	...	...	3	...	3
105	Pearlshell cwt.	1,622	...	1,622	13,777	...	13,777
	Personal and Household Effects ...	...	...	...	90	...	90
112	Sandalwood cwt.	14,705	...	14,705	9,190	...	9,190
117	Skins—Sheep No.	99,561	...	lbs. 540,181	22,849	...	22,849
119	Soap lb.	45,000	...	45,000	563	...	563
...	Stationery, Manufactured ...	...	...	...	5	12	17
132	Timber sup. ft.	59,900	...	59,900	400	...	400
	Vehicles—						
145	Other and Parts ... ...	...	...	...	...	150	150
	Wine, Fermented—						
150	Other gal.	14	...	14	11	...	11
151	Wool, Greasy bales	2,189	...	2,189	48,149	...	48,149
	" lb.	761,332	...	763,332	...	...	...
152	" scoured and washed ... bales	237	...	237	4,536	...	4,536
	" lb.	60,694	...	60,694	...	...	...
153	All other Articles ...	...	...	...	335	...	335
	† Total Exports ...	...	...	...	£450,923	174	451,097

* See note †, Table No. 16, page 10.

† These figures are liable to revision.

INTERSTATE TRADE.

No. 22.—Principal Exports to places within the Commonwealth during the Half-year ended 31st December, 1917.

Articles.	Quantity.				Value.			
	Western Aus- tralian Origin.	Other Aus- tralian Origin.	Oversea Origin.	Total.	Western Aus- tralian Origin.	Other Aus- tralian Origin.	Oversea Origin.	Total.
Aerated and Mineral Waters ... .. £	...	...	...	...	£	£	£	£
Ale and Beer, in bottles gal.	8	...	...	8	1	...	26	26
" " (in bulk) ... .. "	...	...	36	36	...	...	13	13
Animals—Living—								
Other ... .. £	...	...	...	...	17	14	...	31
Apparel, and Soft Goods ... ..	...	...	...	...	...	2,586	9,260	11,846
Bags, Baskets, Boxes, etc. ... ..	...	...	...	...	18	...	5	23
Bark, Tanning cwt.	4,563	...	...	4,563	2,167	...	...	2,167
Belting, all kinds ... ..	...	...	...	...	...	100	1,911	2,011
Biscuits lb.	27,608	...	224	27,832	1,795	...	8	1,803
Blacking, including Dressings, etc. ... ..	...	...	...	...	...	...	21	21
Books, Printed, Music, Periodicals, etc. ... ..	...	...	...	...	154	169	144	467
Boots and Shoes ... ..	...	...	...	...	50	821	223	1,094
Brushware ... ..	...	...	...	...	292	...	3	295
Butter lb.	...	6,496	...	6,496	...	406	...	406
Cheese "	...	1,512	...	1,512	...	169	...	169
Cocoa and Chocolate ... ..	...	...	1,800	1,800	...	...	203	203
Confectionery	61,675	...	...	61,675	3,137	...	...	3,137
Copper, Bars, Rod, Strips, Sheet, and Plate								
and Pipes and Tubes cwt.	17	...	1	18	173	...	13	186
Cordage and Twines ... ..	...	...	...	...	...	...	1,613	1,613
Drugs and Chemicals—Cream of Tartar cwt.	...	...	52	52	...	...	704	704
Other ... ..	...	...	...	...	5	67	450	522
Earthenware and China, etc. ... ..	...	...	...	...	...	...	104	104
Fancy Goods ... ..	...	...	...	...	5	93	100	198
Fish (all kinds ) ... ..	...	...	...	...	...	...	690	690
Fruits, Dried—								
Currants lb.	61,287	...	...	61,287	1,966	...	...	1,966
Dates ... ..	...	...	9,800	9,800	...	...	204	204
Other ... ..	...	4,878	...	4,878	...	149	...	149
Fruits, Fresh—								
Apples cents	10,033	...	...	10,033	13,660	...	...	1,3660
Citrus "	316	...	...	316	241	...	...	241
Furniture ... ..	...	...	...	...	220	510	229	959
Glass and Glassware ... ..	...	...	...	...	1	647	179	827
Grain and Pulse—								
Bran Pollard and Sharps cents	3,205	...	...	3,205	572	...	...	572
Oatmeal, etc. lb.	...	234	...	234	...	1	...	1
Rice "	174	...	150	324	80	...	76	156

Hats and Caps ... ..	...	...	...	...	...	...	830	830
Implements and Machinery, Agricultural, Horti- cultural, and Viticultural ... ..	...	...	...	...	...	2,165	7,152	9,317
Instruments— Musical,								
Pianos No.	...	3	15	18	...	200	760	960
Other ... ..	...	...	...	...	...	...	277	277
Instruments other than Musical ... ..	...	...	...	...	...	...	1,555	1,555
Iron and Steel—								
Bar, Rod, etc., Blooms, Slabs, etc., Girders, Joists, etc. cwt.	...	105	3,750	3,855	...	60	5,906	5,966
Galvanised, Plate and Sheet, including Cor- rugated not Galvanised ... ..	...	...	521	521	...	...	1,082	1,082
Pig and Scrap	6	...	...	6	15	...	...	15
Jams and Jellies lb.	692	...	...	692	15	...	...	15
Jewellery ... ..	...	...	...	...	...	300	75	375
Jute Goods, including Bags and Sacks ... ..	...	...	...	...	...	844	1,376	2,220
Lamps and Lampware and Mantles ... ..	...	...	...	...	...	...	271	271
Lead, Sheet and Pipe cwt.	...	212	...	212	...	283	...	283
Leather ... ..	...	...	...	...	7,732	55	...	7,787
Limejuice and other Fruit Juices gal.	...	...	2	2	...	...	2	2
Machines and Machinery (except Agricultural, for which see "Implements") ... ..	...	...	...	...	615	150	20,929	21,694
Manures—								
Other, N.E.I. cwt.	...	21	...	21	...	20	...	20
Meats—								
Bacon and Hams lb.	...	1,021	...	1,021	...	45	...	45
Preserved by cold process—Beef	687,746	...	...	687,746	9,311	...	...	9,311
" " Mutton and Lamb	9,208	...	...	9,208	158	...	...	158
" " Pork	55,495	...	...	55,495	1,251	...	...	1,251
" " Other	4,278	...	...	4,278	124	...	...	124
Metals, Manufactures of ... ..	...	...	...	...	798	9,856	14,009	24,663
Milk and Cream, etc. lb.	...	...	44,880	44,880	...	...	1,560	1,560
Mustard ... ..	...	...	2,140	2,140	...	...	194	194
Oils, Bulk—								
Fish—Cod, Seal, Whale gal.	...	...	40	40	...	...	10	10
All other ... ..	...	...	...	...	254	53	704	1,011
Oilmen's Stores ... ..	...	...	...	...	3	55	582	640
Paints and Colours, Varnishes ... .. £	...	...	...	...	...	...	5	5
Paper—All other ... ..	...	...	...	...	...	23	1,001	1,024
Perfumery ... ..	...	...	...	...	...	...	244	244
Personal and Household Effects ... ..	...	...	...	...	2,476	2,030	478	4,984
Photographic Goods and Materials ... ..	...	...	...	...	...	...	303	303
Pickles and Sauces ... ..	...	...	...	...	13	...	6	19
Pictures ... ..	...	...	...	...	31	27	450	508
Pitch, Tar, and Bitumen ... ..	...	...	655	655	...	...	357	357
Plants, Trees, Bulbs, etc. ... ..	...	...	...	...	43	...	...	43

No. 22.—Principal Exports to places within the Commonwealth during the Half-year ended 31st December, 1917—continued.

Articles.	Quantity.				Value to nearest £.			
	Western Aus- tralian Origin.	Other Aus- tralian Origin.	Oversea Origin.	Total.	Western Aus- tralian Origin.	Other Aus- tralian Origin.	Oversea Origin.	Total.
Railway Material, viz., rails, etc. ... .. £	...	...	...	...	£	£	£	£
Rubber Goods ... ..	...	...	...	...	27	1,465	1,628	1,628
Sandalwood	3,883	...	...	3,883	2,456	...	632	2,124
Sausage Casings ... ..	...	...	...	...	1,620	...	...	1,620
Skins—Hides No.	13,725	...	...	13,725	25,498	...	...	25,498
Rabbit and Hare lb.	1,115	...	...	1,115	69	...	...	69
Sheep No.	47,418	...	...	lb. 299,151	12,674	...	...	12,674
Other ... ..	...	...	...	...	39,777	...	...	39,777
Soap lb.	4,592	...	96	4,688	49	...	6	55
Spirits—								
Brandy gal.	...	72	...	72	...	100	...	100
Gin (including Schnapps, etc.) ... ..	...	...	157	157	...	...	130	130
Whisky ... ..	...	...	30	30	...	...	43	43
Other ... .. £	...	...	...	...	...	...	3	3
Stationery, Manufactured ... ..	...	...	...	...	48	21	221	290
Stone (including Marble and Slate) ... ..	...	...	...	...	...	...	14	14
Tallow cwt.	2,751	...	...	2,751	5,258	...	...	5,258
Tea lb.	...	...	110	110	...	...	10	10
Tinned Plates and Sheet (plain) ... .. £	...	...	...	...	81,299	...	...	81,299
Timber ... ..	...	...	...	...	...	...	263	263
Tobacco Manufactured lb.	...	...	302	302	...	...	125	125
Tools of Trade ... ..	...	...	...	...	...	21	653	654
Vehicles—								
Bicycles, etc. ... ..	...	...	...	...	15	50	696	761
Other and Parts ... ..	...	...	...	...	25	236	3,570	3,831
Wax—								
Beeswax lb.	1,054	...	...	1,054	85	...	...	85
Other ... ..	...	...	4,480	4,480	...	...	8	8
Wine, Fermented—Other gal.	...	177	179	356	...	46	104	150
Wood—All articles made of ... ..	...	...	...	...	88	2,980	718	3,786
Wool, Greasy bales	1,219	...	...	lb. 478,745	18,289	...	...	18,289
„ scoured and washed bales	21	...	...	lb. 6,351	270	...	...	270
All other Articles ... ..	...	...	...	...	38,559	674	5,393	64,626
† Total Interstate Exports ... ..	...	...	...	...	£293,499	27,491	90,494	41,484

* Articles produced in places outside the Commonwealth.

† These figures are liable to revision.

SHIPS' STORES.

No. 23.—† Exports, being Oversea Ships' Stores during the two months ended 31st August, 1917.

ARTICLES.	Quantity.			Value.		
	Aus- tralian Produce.	Oversea Produce.	Total.	Aus- tralian Produce.	Oversea Produce.	Total.
Ale, Beer, Porter, etc. .. gal.	16	...	16	£ 4	£ ...	£ 4
Biscuits lb.	438	...	438	9	...	9
Brushware .. ..	...	...	...	5	...	5
Butter lb.	5,271	...	5,271	399	...	399
Cheese	299	...	299	16	...	16
Coal (Bunker) tons	10,268	...	10,268	17,912	...	17,912
Coffee, Cocoa, and Chocolate lb.	75	...	75	4	...	4
Cordage and Twines .. ..	...	...	...	...	...	...
Fish—Fresh lb.	4,152	...	4,152	109	...	109
Preserved	480	140	620	14	3	17
Fruits, Dried and Preserved ..	484	...	484	17	...	17
" Fresh centals	207	...	207	288	...	288
Fruits and Vegetables in liquid .. ..	...	...	...	9	...	9
Vegetables, Dried or Concentrated .. ..	...	...	...	...	...	...
" Fresh .. ..	...	...	...	413	...	413
Grain and Pulse Unprepared—						
Beans and Peas .. centals	2	9	11	3	12	15
Oats .. ..	...	...	...	...	...	...
Wheat .. ..	...	...	...	...	...	...
Grain and Pulse, Prepared—						
Barley, Pearl and Scotch lb.	1,792	...	1,792	22	...	22
Bran and Pollard .. centals	6	...	6	2	...	2
Flour (wheaten)	660	...	660	381	...	381
Rice .. ..	...	...	...	...	...	...
Hay and Chaff cwt.	722	...	722	49	...	49
Jams and Jellies lb.	494	...	494	15	...	15
Meats—Bacon and Hams, etc. ..	1,113	...	1,113	61	...	61
" Fresh and Smoked ..	28,808	...	28,808	853	...	853
" Frozen (other than Rabbits and Hares) ..	12,141	...	12,141	370	...	370
" .. Rabbits and Hares ..	...	...	...	...	...	...
" Potted and Concentrated ..	...	...	...	...	...	...
" Preserved in tins .. lb.	768	...	768	60	...	60
" Other (including Salt-ed) .. ..	...	...	...	117	...	117
Milk and Cream, preserved .. lb.	4,216	...	4,216	143	...	143
Oils gal.	...	10	10	...	2	2
Onions cwt.	19	...	19	19	...	19
Paints and Colours	63	...	63	36	...	36
Potatoes	287	...	287	148	...	148
Salt	2	...	2	2	...	2
Soap lb.	252	...	252	6	...	6
Spirits gal.	...	...	...	...	...	...
Sugar cwt.	47	...	47	79	...	79
Tea lb.	...	646	646	...	34	34
Tobacco	30	...	30	4	...	4
Cigars .. ..	...	...	...	...	...	...
Cigarettes .. ..	...	...	...	...	...	...
Wine—Sparkling gal.	...	...	...	...	...	...
" Still .. ..	...	...	...	...	...	...
All Other Articles .. ..	...	...	...	642	13	655
* Total .. ..	...	...	...	22,211	64	22,275

* These figures are liable to slight revision.

† See Note ‡ Table No. 16, page 10.

SHIPS' STORES.

No. 23a.—Exports, being Interstate Ships' Stores during the Half-year ended 31st December, 1917.

ARTICLES.	Quantity.			Value to nearest £.		
	Aus- tralian Produce.	Oversea Produce.	Total.	Aus- tralian Produce.	Oversea Produce	Total.
Ale, Beer, Porter, etc. ... gal.	80	...	80	£ 34	£ ...	£ 34
Apparel lb.	...	...	...	...	15	15
Biscuits lb.	346	...	346	13	...	13
Brushware lb.	...	...	...	...	...	...
Butter lb.	875	...	875	66	...	66
Cheese lb.	246	...	246	12	...	12
Coal (Bunker) tons	...	...	...	...	...	...
Coffee, Cocoa, and Chocolate	...	117	117	...	10	10
Cordage and Twines lb.	...	...	...	...	11	11
Fish—Fresh lb.	9,336	...	9,336	224	...	224
Preserved "	500	460	960	15	17	32
Fruits, Dried and Preserved	701	...	701	24	...	24
" Fresh centals	297	...	297	356	...	356
Fruits and Vegetables in	...	...	...	...	...	...
liquid ... .. "	...	...	...	2	1	3
Vegetables, Dried or Con-	...	...	...	...	...	...
centrated ... .. "	...	...	...	...	...	...
" Fresh ... .. "	...	...	...	450	...	450
Grain and Pulse Unprepared—	...	...	...	...	...	...
Beans and Peas centals	...	...	...	...	...	...
Oats ... .. "	...	...	...	...	...	...
Wheat ... .. "	...	...	...	...	...	...
Grain and Pulse, Prepared—	...	...	...	...	...	...
Barley, Pearl and Scotch	...	...	...	...	...	...
Bran and Pollard centals	...	...	...	...	...	...
Flour (wheaten) "	76	...	76	47	...	47
Rice "	...	7	7	...	9	9
Hay and Chaff cwt.	...	...	...	...	...	...
Jams and Jellies lb.	256	...	256	6	...	6
Meats—Bacon and Hams, etc.	1,158	...	1,158	64	...	64
" Fresh and Smoked	125,327	...	125,327	3,903	...	3,903
" Frozen (other than	...	...	...	...	...	...
Rabbits and	...	...	...	...	...	...
Hares) "	120	...	120	3	...	3
" " Rabbits and	...	...	...	...	...	...
Hares ... .. "	...	...	...	...	...	...
" Potted and Concen-	...	...	...	...	...	...
trated ... .. "	...	...	...	...	...	...
" Preserved in tins ...	3,456	...	3,456	139	...	139
" Other (including Salt-	...	...	...	458	...	458
ed) ... .. "	...	...	...	5	...	5
Milk and Cream, preserved ...	143	...	143	...	30	30
Oils gal.	...	255	255	...	...	...
Onions cwt.	32	...	32	29	...	29
Paints and Colours ... .. "	...	...	...	...	...	...
Pickles and Sauces ... .. "	...	...	...	1	...	1
Potatoes "	420	...	420	212	...	212
Salt ... .. "	...	...	...	...	...	...
Soap lb.	172	...	172	3	...	3
Spirits gal.	...	...	...	...	...	...
Sugar cwt.	18	...	18	34	...	34
Tea lb.	...	28	28	...	1	1
Tobacco ... .. "	...	...	...	...	...	...
Cigars ... .. "	...	...	...	...	...	...
Cigarettes ... .. "	...	...	...	...	...	...
Wine—Sparkling gal.	...	...	...	...	...	...
" Still "	2	...	2	1	...	1
All Other Articles ... .. "	...	...	...	580	21	601
* Total ... .. "	...	...	...	6,681	115	6,796

*These figures are liable to slight revision.

WOOL EXPORTS.

No. 24.—Quantity and Value of Wool Exported from Western Australia during the undermentioned periods.

(All figures in heavy type are preliminary, and liable to revision.)

YEAR ENDED 30TH JUNE, 1917.

Ports.												
	Oversea.				Interstate.				Total.			
	Greasy.		Scoured.		Greasy.		Scoured.		Greasy.		Scoured.	
	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.
Fremantle	29,019	10,229,027	109	29,667	9,263	3,277,417	1	208	38,282	13,506,444	110	29,875
Albany	6,377	2,106,022	8	2,080	376	114,849	..	..	6,753	2,220,871	8	2,080
Geraldton	7,218	2,631,099	15	4,596	144	60,367	..	..	7,362	2,691,466	15	4,596
Bunbury .. .. .	..	..	..	..	8	1,955	..	..	8	1,955	..	..
Cossack	3,822	1,436,856	19	4,563	..	..	..	..	3,822	1,436,856	19	4,563
Carnarvon	4,226	1,603,100	14	4,903	221	88,072	..	..	4,447	1,691,172	14	4,903
Port Hedland	4,075	1,541,868	19	6,224	104	38,930	..	..	4,179	1,580,798	19	6,224
Derby	1,733	609,205	96	25,735	..	..	..	..	1,733	609,205	96	25,735
Onslow	1,308	483,816	..	..	..	..	..	..	1,308	483,816	..	..
Broome	302	104,724	..	..	..	..	..	..	302	104,724	..	..
Shark Bay .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Balla Balla .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Total .. { Quantity ..	58,080	20,745,717	280	77,768	10,116	3,581,590	1	208	68,196	24,327,307	281	77,976
.. { Value £	1,230,910		4,752		184,609		20		1,415,519		4,772	
Two months ended 31st August, 1917.*				HALF-YEAR ENDED 31ST DECEMBER, 1917.				TOTAL.**				
	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.	bales.	lbs.
Fremantle	2	593	202	51,293	1,219	478,745	21	6,351	1,221	479,338	223	57,644
Albany .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Geraldton	2,187	760,739	35	9,401	..	..	..	..	2,187	760,739	35	9,401
Bunbury .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Cossack .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Carnarvon .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Port Hedland .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Derby .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Onslow .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Broome .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Shark Bay .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Balla Balla .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
Total .. { Quantity ..	2,189	761,332	237	60,694	1,219	478,745	21	6,351	3,408	1,240,077	258	67,045
.. { Value £	48,149		4,536		18,289		270		66,438		4,806	

* No later figures available, see footnote † Table No. 16, page 10.

** Includes oversea shipments for the two months ended 31st August.

VII.—GOLD MINING STATISTICS.

No. 25.—Annual Gold Production of Western Australia from 1886, comprising Raw Gold entered for Export, plus Raw Gold received at the Perth Branch of the Royal Mint (from May, 1899) ; also amounts of Dividends paid.

Period.	Quantity of Raw Gold.	Value.	Dividends paid.
	Fine ounces.	£	£
Prior to 1912	24,448,467	103,850,487	22,178,259
1912	1,282,658	5,448,385	814,092
1913	1,314,043	5,581,701	910,326
1914	1,232,977	5,237,353	799,392
1915	1,210,112	5,140,228	*792,317
1916	1,061,398	4,508,532	652,883
From 1886 to 31st December, 1916	30,549,655	129,766,686	26,127,269
Nine months, 1917	† 734,850	3,121,445	426,151
October, 1917	73,901	313,911	29,285
November, 1917	80,641	342,542	4,284
December, 1917	80,925	343,747	125,535
Year, 1917	970,317	4,121,645	585,255
1886 to 31st December, 1917	31,519,972	133,888,331	26,712,524

* In addition, the "Sand Queen Gold Mine, Ltd.," made a distribution of scrip to the value of £4,500.

† Figures corrected from preceding issue.

No. 26.—Monthly Export of Gold from Western Australia, plus Gold received at the Perth Branch of the Royal Mint, from 1907.

Month.	1907.	1912.	1913.	1914.	1915.	1916.	1917.
	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.	Fine ounces.
January	162,238	106,370	104,705	112,023	98,758	93,985	85,718
February	134,193	102,532	100,987	103,305	104,268	67,970	83,704
March	129,726	93,005	97,769	92,619	93,764	93,993	76,599
April	130,086	110,406	111,245	99,007	102,609	90,528	82,143
May	145,491	107,393	110,179	106,207	103,670	83,878	79,435
June	136,522	108,144	113,485	101,015	101,309	94,682	82,869
July	128,555	105,640	108,796	96,599	99,414	92,637	81,550
August	139,142	108,640	110,169	102,447	101,021	91,735	81,071
September	141,203	111,106	115,168	105,113	102,852	89,871	81,761
October	150,117	106,266	111,509	101,394	102,584	83,691	73,901
November	145,825	107,219	117,911	110,500	100,003	88,338	80,641
December	154,456	115,937	112,120	102,748	99,860	90,090	80,925
Total	1,697,554	1,282,658	1,314,043	1,232,977	1,210,112	1,061,398	970,317

VIII.—LIVE STOCK.

No. 27.—Number of Live Stock in Western Australia on the 31st December, 1907 to 1916.

Year.	Horses.	Cattle.	Sheep.	Pigs.	Goats.	Camels.	Mules and Donkeys.
1907	113,330	717,377	3,684,974	53,399	26,833	3,212	1,462
1912	147,629	806,294	4,596,958	47,351	29,336	3,792	2,960
1913	156,636	834,265	4,421,375	47,966	27,463	4,284	3,366
1914	161,625	863,835	4,456,186	59,816	25,718	4,793	4,109
1915	163,006	821,048	4,803,850	58,231	26,991	4,938	4,634
1916	169,730	863,930	5,529,960	90,756	31,387	5,195	5,642

IX.—LAND SETTLEMENT.

No. 28.—Land Settlement as on the 30th June, 1917.

Particulars.	Area.	Area.
	acres.	acres.
I.—ABSOLUTELY ALIENATED :—		
Area sold by public auction or other forms of direct sale or otherwise alienated up to 30th June, 1917 .. .. .	..	8,276,084
II.—IN PROCESS OF ALIENATION ON THE 30TH JUNE, 1917 :—		
Midland Railway Concessions in process of alienation ..	54,800	
Free Homestead Farms	1,351,461	
Conditional Purchases	7,673,356	
Selections from late W.A. Land Company	3,088	
Selections under the Agricultural Lands Purchase Act ..	255,305	
Special Occupation Leases and Licenses	1,398	
Homestead or Grazing Leases	3,897,471	
Poison Land Leases and Licenses	47,252	
Village Allotments	32	
Working Men's Blocks	558	
		13,284,721
Total area alienated or in process of alienation on the 30th June, 1917 .. .. .	..	21,560,805
III.—LEASES OR LICENSES IN FORCE ON 30TH JUNE, 1917 :—		
Issued by Lands Department—		
Pastoral Leases	189,574,945	
Special Leases	33,516	
Leases of Reserves	1,582,174	
Residential Lots	274	
Issued by Mines Department—		
Gold Mining Leases	13,772	
Mineral Leases *	35,018	
Miners' Homestead Leases	39,618	
Timber Leases and Licenses	249,144	
Timber Permits	908,850	
		192,437,311
IV.—AREA NEITHER ALIENATED, IN PROCESS OF ALIENATION, NOR LEASED .. .. .	..	410,590,684
Total Area of Western Australia		624,588,800

* Inclusive of 68 acres on "Private Property."

No. 29.—Principal Crown Lands Transactions.—Area of Crown Lands for which Applications have been approved by the Lands Department from 1907.

Period.	Conditional Alienation.						Leases and Licenses.				
	Condi- tional Pur- chases.	Free Home- stead Farms.	Grazing Leases.	Selec- tions. Land Purchase Act.	Town Lots.	Total.	Pastoral Leases and Licenses.	Special Leases.	Timber Permits.	Miscel- laneous Leases.	Total.
	acres.	acres.	acres.	acres.		acres.	acres.	acres.	acres.	acres.	acres.
1907 ...	446,235	117,207	89,865	5,071	166	658,544	16,232,514	69,752	59,933	215,571	16,577,770
1912 ...	889,031	185,380	643,976	6,168	...	1,724,555	15,947,063	1,184,414	243,267	2,541	17,377,285
1913 ...	515,877	131,541	497,748	8,826	5	1,153,997	10,695,831	2,080,663	5,040	3,399	12,784,933
1914 ...	313,851	84,420	364,704	4,990	...	767,965	9,167,495	115,879	37,100	3,717	9,324,191
1915 ...	148,570	44,936	170,594	1,557	...	365,657	5,829,005	470,688	225,738	3,369	6,528,800
1916 ...	80,546	27,077	163,213	96	5	270,937	12,895,339	134,288	303,350	948	13,333,925
1917 ...	120,888	17,855	226,868	79	626	366,316	11,852,859	152,112	...	276	12,005,247

X.—AGRICULTURE.

No. 30.—Cropping, Clearing, etc., 1907–1908 to 1916–1917.

Season ended last day of February.	Land Cropped, Cleared, etc.						
	Under Crop.	Under artificially-grasses.	Newly cleared and prepared for next crops.	In fallow.	Other, previously cropped, now used for grazing, etc.	Ringbarked or partially cleared.	Total.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1908	493,837	7,990	139,430	152,175	287,535	2,399,001	3,479,968
1913	1,199,991	5,182	389,214	639,582	632,999	3,850,258	6,717,226
1914	1,537,923	6,919	430,775	754,844	800,981	3,789,091	7,320,533
1915	1,867,547	8,025	391,402	832,922	914,445	3,534,427	7,548,768
1916	2,189,456	9,119	293,625	686,421	1,058,171	3,810,582	8,056,374
1917	2,004,944	8,327	362,795	743,093	1,388,514	3,514,876	8,022,549

No. 31.—Areas under various kinds of Crops in Western Australia, 1907–1908 to 1917–1918.

Season ended last day of February.	Grain Crops.				Hay of all kinds.	Potatoes.	Vineyards.	Orchards.	Other Crops.
	Wheat.	Oats.	Barley.	Other.					
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1908	279,609	46,667	6,019	1,634	131,056	1,854	3,231	13,900	9,867
1913	793,096	127,645	5,626	2,074	231,690	5,175	3,010	19,539	12,136
1914	1,097,193	133,625	11,502	2,282	246,640	5,229	2,864	20,575	18,013
1915	1,376,012	96,085	6,986	2,982	332,037	4,778	2,920	21,378	24,369
1916	1,734,117	104,086	10,069	1,230	290,036	4,866	2,751	21,805	20,496
1917	1,566,608	122,220	11,105	1,147	240,726	5,838	3,031	21,752	32,517
Forecast for Feb., 1918	1,252,137	129,792	7,884	..	*249,357	..	..	..	..

* Wheat, Oats, and Barley Hay.

No. 32.—Yield of Principal Crops and quantity of Wine made, 1907–1908 to 1917–1918.

Season ended last day of February.	Principal Grain Crops.			Hay of all kinds.	Potatoes.	Wine.
	Wheat.	Oats.	Barley.			
	bushels.	bushels.	bushels.	tons.	tons.	gallons.
1908	2,925,690	721,753	76,205	137,511	5,671	153,755
1913	9,168,594	2,105,812	93,418	255,751	13,558	149,132
1914	13,331,350	1,655,681	167,915	278,585	17,803	208,738
1915	2,624,190	464,943	24,000	156,932	14,724	162,190
1916	18,236,355	1,538,092	130,870	395,172	14,118	166,820
1917	16,103,216	1,689,352	134,055	236,989	16,841	220,439
Forecast for February, 1918	11,923,403	1,967,886	101,841	*276,214	..	..

* Wheat, Oats, and Barley Hay.

No. 33.—Average Yield per Acre of Principal Crops, 1907–1908 to 1917–1918.

Season ended last day of February.	Principal Grain Crops.			Hay of all kinds.	Potatoes.
	Wheat.	Oats.	Barley.		
	bush.	bush.	bush.	tons.	tons.
1908	10.46	15.47	12.66	1.04	3.06
1913	11.56	16.50	16.61	1.10	2.62
1914	12.15	12.40	14.60	1.13	3.40
1915	1.91	4.84	3.45	0.47	3.08
1916	10.52	14.78	13.00	1.36	2.90
1917*	10.28	13.82	12.07	0.98	2.88
Forecast for February, 1918	9.52	15.16	12.92	*1.11	..

* Wheat, Oats, and Barley Hay.

XI.—INDUSTRIAL ESTABLISHMENTS.

(Exclusive of Mines.)

No. 34.—Output of the principal Industrial Establishments of Western Australia, 1907 to 1916.

Factories, etc.	Articles, etc., Produced or Treated.			1907.	1912.	1913.	1914.	1915.	1916.
Tanneries	Hides tanned	No.		22,830	21,563	23,469	27,735	35,754	27,405
	Skins tanned	"		4,392	3,019	2,548	8,000	8,958	9,722
	Leather produced ..	lbs.		850,159	822,702	881,700	1,027,007	1,287,999	1,084,838
Brickworks	Bricks made	No.		28,665,698	34,432,129	35,085,335	34,853,961	21,666,820	18,584,997
Lime Works	Lime burned	tons		10,322	13,700	15,930	13,567	10,068	9,618
Forest Saw Mills ..	Timber sawn or hewn	sup. ft.		110,394,001	6217,696,472	6218,908,460	6227,296,993	6123,494,334	6100,356,217
Confectionery Works	Confectionery made ..	lbs.			1,681,139	1,822,948	1,799,440	1,806,427	1,798,041
	Jam	"		118,462	459,951	133,633	c	c	c
Jam, Pickles, Sauce, and Vinegar Works	Pickles	pints		122,824	192,675	108,389	100,296	101,370	88,068
	Sauce	"		244,733	502,570	426,250	375,608	317,273	336,471
	Vinegar	"		c	181,078	197,858	279,005	c	132,913
Flour Mills	Wheat, ground	bush.		1,399,912	2,405,109	3,030,640	3,053,138	1,723,096	3,515,278
	Flour made	tons		28,353	49,319	61,997	61,922	32,396	70,912
Aerated Water and Cordial Factories	Aerated Waters made ..	doz.		1,170,441	1,147,512	1,145,157	1,157,897	1,054,570	941,947
	Cordials made	"		12,547	13,666	15,085	10,895	10,197	j 55,258
Breweries	Beer and Stout made ..	gall.		4,651,657	5,419,187	5,360,315	5,544,090	5,348,532	5,298,607
	Tobacco made	lbs.		2,005	e 5,271		4,650	6,700	e 9,089
Tobacco, Cigar, and Cigarette Factories	Cigars made	No.		464,650	493,157		c	c	c
		lbs.		6,373	5,986	c	c	c	c
	Cigarettes made	No.		127,000	f		449,500	322,000	
		lbs.		340			1,083	826	f
Boot Factories	Boots and Shoes made ..	pairs		194,600	190,291	189,098	195,625	h 193,207	h 217,266
Electric Light and Power Works d	Light	Brit. Units			6,035,406	7,079,328	6,882,737	7,240,146	7,435,194
	Power	"			18,668,675	18,656,249	20,707,714	20,890,550	19,507,716
Gas Works	Gas supplied	cub. ft.		71,783,361	103,243,500	111,958,200	123,449,100	128,508,700	141,351,100
i Value, Industrial Production	.. ..	£		c	3,582,329	3,762,203	3,833,497	3,233,935	k 3,146,866

b Including the following quantities (in super. feet):—Hewn by Contractors for the Railway Department, Exporters, Coal and Gold Mines, etc., 1911, 7,862,398; 1912, 9,529,339; 1913, 6,019,657; 1914, 4,461,796; 1915, 2,983,047; 1916, £10,353,028. c Not available. d Exclusive of light and power produced at State Government Railway Workshops, information for which cannot be supplied. e Including cigarettes. f Included with tobacco. g Including firebricks from 1914. h Exclusive of slippers, included previously. i Being the total value added to the raw material by the production of all Industrial Establishments from which returns are collected under the Statistics Act; value of raw material and fuel used is not included. The figures are different from those shown in Table No. 36 on page 29 under "Manufacturing," as, under the classification there adopted, several items annually collected from "Industrial Establishments" come under other headings. j Hop Beer included. k. Excluding dental industrial establishments.

XII.—WAGES.

No. 35.—Minimum* Rates of Wages fixed by Agreements and Awards in the principal Industries, under the Industrial Arbitration Act up to 31st December, 1917.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
MALES—			£ s. d.
Aerated Water Factory Hands	Per week	48	2 14 0
Baker	do.	48	3 7 6
Baker (Goldfields)	do.	48	4 0 0
Barman	do.	54	3 5 0
Barman (Goldfields)	do.	54	† 3 0 0
Bed Maker	Per hour ... ..	...	0 1 4½
Blacksmith (Engineering)	do. ... ..	...	0 1 8½
Blacksmith (Coachbuilding)	Per day	8	0 10 6
Boatbuilder	do.	8	0 15 0
Boat Master (Lighter)	Per week	47	3 0 0
Boilermaker	Per hour ... ..	...	0 1 3½
Bookbinder and Paper-ruler	Per week	48	3 10 0
Bootmaker	Per hour ... ..	...	0 1 4½
Brass-finisher (Engineering)	Per hour ... ..	...	0 1 6½
Brewery Employee	Per week	48	3 0 0
Brewery Employee (Goldfields)	do.	48	3 10 0
Brickyards and Pottery Works Employees	Per hour (adults) ... ..	...	1s. to 1s. 4½d.
Butcher—Shopman	Per week	52	3 0 0
Butcher—Shopman (Goldfields)	do.	56	4 0 0
Cabinetmaker	Per hour ... ..	...	0 1 5½
Carpenter and Joiner	do. ... ..	...	0 1 6
Carter—			
Bread	Per week	54	3 0 0
Brewery	do.	48	3 0 0
Brick	Per hour ... ..	...	0 1 1½
Butcher	Per week	52	2 10 0
Butcher (Goldfields)	do.	56	3 10 0
Coal (one horse)	Per week	48	3 0 0
Firewood	do.	48	2 14 0
Grocery (one horse) <i>b</i>	do.	50	2 14 0
Lime Industry	Per day	8	0 10 0
Milk <i>a</i>	Per week	60	3 0 0
Other (one horse) <i>a c</i>	do.	48	2 14 0
Slaughtering Trade	do.	60	3 0 0
Slaughtering Trade (Goldfields)	do.	48	4 0 0
Timber Industry—Bush	Per day ... ..	...	0 10 0
Timber Industry—City	Per week	48	3 0 0
Carver (Wood)	Per hour ... ..	...	0 1 6½
Chainman	Per day	8	0 9 0
Chairmaker	Per hour ... ..	...	0 1 5½
Coachbuilder	Per day	8	0 10 6
Compositor	Per week	48	£3 10s. to £4
Confectioner	do.	48	3 0 0
Cook—			
Chief, where more than one employed	do. ... ..	...	† 3 10 0
Chief, where more than one employed (Gfds.)	do.	60	† 3 0 0
Other Cooks	do. ... ..	...	† 3 5s. to £2 10s.
Other Cooks (Goldfields)	do.	60	† 2 5 0
Cooper	do.	48	4 0 0
Do. (Goldfields)	do.	48	4 10 0
Coppersmith	Per hour ... ..	...	0 1 8½
Currier	Per week	48	3 5 0
Dairyman, Yardman	do.	60	3 0 0
Dairyman, Yardman (Goldfields)	do.	60	3 10 0
Dresser (Engineering), etc.	Per hour ... ..	...	0 1 3½
Driller (Engineering)	do. ... ..	...	0 1 3½
Electrical Trade—			
Leading hand	1s. 3d. per day extra	8	...
Labourer	Per hour ... ..	...	0 1 2½
Fitter	do. ... ..	...	0 1 6½
Lineman	do. ... ..	...	0 1 4½
Wireman	do. ... ..	...	0 1 5½
Engine-driver—			
Locomotive Engine	Per day	8	13s. 6d. to 13s. 6d.
Stationary Engine	do.	8	11s. 6d. to 13s. 6d.
Traction Engine	do.	8	0 12 6
Engineers (Mining)	do.	8	0 13 4
Engine-fitter—Timber Industry	do.	8	0 13 0
Engine-fitter—Other	Per hour ... ..	...	0 1 6½
Fire Brigade Employees	Per week	By Dist. F. B. Act	£2 12s. to £3 12s.
Firemen, Locomotive Engine	Per day	8	0 10 6
Firemen, Stationary Engine	do.	8	10s. 6d.
Firewood Cutter	Piecework, 3 to 6ft. lengths (Per ton)	...	3s. 9d. to 5s. 3d.

* It should be carefully noted that each award applies only to some particular area. The rates of wages payable on the Goldfields, in many cases, are not fixed by any award, but the ruling rates are higher all round than those payable in coastal districts for similar occupations. † With Board and Lodging. *a* Juniors under the age of 21 years are paid at Special Rates. *b* Juniors under the age of 19 years are paid at Special Rates. *c* Produce Merchant, General Ironmongery, Wood Merchant, Fruit Merchant, Laundry, General Carrier, and Parcels Express. *d* Hours prescribed by Early Closing Act.

No. 35. — Minimum* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
MALES—			£ s. d.
Flourmiller	Per day	48	0 11 4
Frenchpolisher	Per hour ... ..	...	0 1 4½
Gas Works Employees	Per week	48	3 0 0
Groom—Timber Industry (Bush)	do.	48	2 14 0
Hairdresser	do.	54	3 0 0
Hairdresser (Goldfields)	do.	52½	4 0 0
Harnessmaker	do.	48	3 0 0
Hod-carrier	Per hour ... ..	...	1s. 4½d. to 1s. 6d.
Horse-driver (see Carter). Joiner (see Carpenter).			
Kitchenman	Per week	e	£1 12 0
Labourer, Builders'	Per hour ... ..	...	1s. 4d. to 1s. 6d.
Labourer, General	Per day	8	0 9 0
Laundry Employees, 21 years and upwards || ... ..	do.	8	0 6 0
Letter-press Machinist	Per week	48	3 10 0
Lighterman	do.	47	3 0 0
Lime Worker	Per day	8	0 9 6
Linotype Operator	Per week	42 hrs. day work	4 0 0
Machinist (Iron)	Per hour	8	0 1 3½
Machinist (Wood)	Per day	8	0 10 0
Marbler	Per week	48	3 10 0
Marine Diver	d	d	1 2 6
Mattress Maker	Per hour ... ..	...	0 1 4½
Miller, Flour	Per day	8	0 12 4
Mill Hand (Flour) General	do.	8	0 8 6
Miner, Coal (labourer on coal mine)	Per shift	8	0 11 8
Miner, Gold	do. ... ..	...	£1 10 0
Monotype Operator	Per week	42 hrs. day work	3 17 6
Motor Mechanic	Per hour ... ..	...	0 1 6½
Moulder	Per day	8 hrs. 25 min. §	0 11 0
Musician	Per week	21 (abt.)	3 0 0
Navy—Timber Industry	Per day	8	0 9 0
Night Watchman	Per week ... ..	...	2 14 6
Packer	do.	a	2 14 0
Painter and Paperhanger	Per hour ... ..	...	0 1 6
Pantryman	Per week	e	£1 12 0
Paper-ruler	do.	48	3 10 0
Pastry-cook	do.	48	3 1 6
Pattern-maker	Per hour ... ..	...	0 1 9½
Pipemaker (Vertical)	do. ... ..	...	1s. 2½d. to 1s. 5½d.
Planer (Engineering), etc.	do. ... ..	...	0 1 5½
Plasterer	Per hour ... ..	...	0 1 6
Plumber	do. ... ..	...	0 1 7½
Quarryman	Per day	8	0 9 0
Saddler	Per week	48	3 0 0
Saw doctor	Per day	8	0 11 6
Sawyer—Bush Timber Mills	do.	8	0 9 7
Sawyer—City Timber Mills	do.	8	0 10 7
Scale-adjuster	do.	8	0 11 6
Scudder (Tannery)	Per week	48	2 15 0
Sculleryman	do.	e	£1 12 0
Sculleryman (Goldfields)	do.	60	£2 0 0
Shipwright	Per day	8	0 15 0
Shop Assistants—			
Grocery, Dairy Produce, Patent Medicines, Boots, Clothing, Drapery, Millinery, Mer- cery, Crockery and Glassware, Fancy Goods, Sweets, etc., etc.	Per week	a	£2 17 6
Hardware, Furniture, and Carpets	do.	a	£3 2 6
Juniors	do.	e	10s. to £2 15 0
Grocers' Carters	do.	50	3 10 0
Grocers' Carters (under 19 years of age)	do.	50	2 10 0
Signwriter	Per hour ... ..	...	0 1 6
Slaughterman	Per week	46	4 0 0
Slaughterman (Goldfields)	do.	48	4 10 0
Spotter—Timber Industry	Per day	8	0 12 7
Stableman—City Saw Mills	Per week	56	3 0 0
Stableman—Country Saw Mills	do.	48	2 14 6
Storeman	do.	a	2 10 0
Storeman—Flour Milling Industry	Per day	8	0 9 6
Striker—Blacksmith's	do.	8	0 9 6
Superphosphate Workers	Per hour ... ..	...	0 1 3½
Survey Hand	Per day or per shift ... ..	...	0 10 0
Tailor Out—Bush Timber Mills	do. do.	8	0 9 7
Tailor Out—City Timber Mills	do. do.	8	0 10 1
Tailor	Per week	48	3 0 0
Do.	do.	48	4 5 0
Tailor's Presser	do.	48	2 10 0
Tallyman	Per day	48	0 9 6

* It should be carefully noted that each award applies only to some particular area. The rates of wages payable on the Goldfields, in many cases, are not fixed by any award, but the ruling rates are higher all round than those payable in coastal districts for similar occupations. † There is a separate award or agreement operating in each of the gold mining districts; the amount quoted is the lowest of these, the average being about 13s. 6d. per shift, with a weekly working time of 47 hours. ‡ With Board and Lodging. § Understood that hours of labour are now eight per day. || For workers under 21 years of age the minimum ranges from 2s. to 5s. a Usual time observed in each establishment prior to award. d Per day or part of day engaged in diving. e Hours prescribed by Early Closing Act. f Juniors up to 22 years of age are paid at special rates.

No. 35.—Minimum* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
MALES—			£ s. d.
Tannery Employee (Adult)	Per week	48	2 15 0
Timber Sorter	Per day	8	0 9 7
Tinsmith	do. ... ..	...	0 9 7
Tip-dray Driver	Per hour ... ..	...	0 1 3
Tramway Employee—			
Conductor	do. ... ..	...	0 1 0
Conductor or Motorman (Goldfields)	do. ... ..	...	0 1 4½
Conductor or Motorman	Per week	48	3 3 6
Trucker—Flour Milling Industry	Per day	8	0 9 0
Turner (Metal)	Per hour ... ..	...	0 1 6½
Turner (Wood)	Per hour ... ..	...	0 1 5½
Undertaker's Assistant	Per week	44	3 0 0
Unhairer—Tannery	do.	48	2 10 0
Upholsterer	Per hour ... ..	...	0 1 4½
Waiter	Per week ... ..	...	† 1 17 6
Waiter (Goldfields)	do.	60	† 2 0 0
Water Supply and Sewerage employees—	Per day	8	0 9 0
Labourer			
Wharf Labourer—			
General Coal Work (Albany)	Per ton per gang ... ..	...	0 1 3
General Cargo Work (Bunbury)	Per hour ... ..	...	0 1 6
General Coal Work (Bunbury)	do. ... ..	...	0 1 7
General Coal Work (Busselton)	do. ... ..	...	0 1 6
General Cargo Work (Busselton)	do. ... ..	...	0 1 7
General Coal Work (Fremantle)	do. ... ..	...	0 1 7
General Cargo Work (Fremantle)	do. ... ..	...	0 1 6
General Cargo Work (Geraldton)	do. ... ..	...	0 1 6
General Coal Work (Geraldton)	do. ... ..	...	0 1 7
General Cargo Work (Perth)	do. ... ..	...	0 1 3
Wheat Lumper—Flour Milling Industry	do. ... ..	...	0 1 6
Wheelwright	Per day	8	0 10 6
Wicker Worker	Per hour ... ..	...	0 1 4
Winchman, log landing	Per day	8	0 9 7
Wine and Spirit Warehouse employees	Per week	48	2 17 6
Wire-mattress Maker	Per hour ... ..	...	0 1 4½
Yardman (b)	Per week	48	3 0 0
Railway and Tramway (c) Servants—Govern- ment—			
Blacksmith	Per day	8	0 11 6
Boiler-maker	do.	8	0 12 0
Brassfinisher	do.	8	0 11 6
Car Conductor	Per week	48	3 3 6
Caretaker	do.	(7 days)	2 2 0
Cleaners—First Year	Per day	8	0 6 6
Cleaners—After 5 years	do.	8	0 9 0
Cook	do.	8	0 12 0
Decorator	do.	8	0 10 6
Driller	do.	8	0 9 6
Electro-plater	do.	8	0 11 0
Engine-driver (Locomotive)—First Class	do.	8	0 15 0
Engine-driver (Locomotive)—Fifth Class	do.	8	0 11 0
Engine-driver (Stationary)	do.	8	0 10 0
Engine-fitter	do.	8	0 11 6
Fireman (Locomotive)—First Class	do.	8	0 11 0
Fireman (Locomotive)—Third Class	do.	8	0 9 6
Forger	do.	8	0 16 6
Galvaniser	do.	8	0 11 0
Ganger	do.	8	0 10 0
Guard	do.	8	0 10 0
Labourer	do.	8	0 9 0
Locomotive Cleaner—1st year	do.	8	0 6 6
Locomotive Cleaner—6th year	do.	8	0 9 0
Motorman	do.	8	0 9 6
Moulder	do.	8	0 11 6
Pattern-maker	do.	8	0 11 6
Platelayer	do.	8	0 10 0
Porter	do.	8	0 9 0
Shunter	do.	8	0 9 6
Signalman—Fourth-class	do.	8	0 9 0
Signalman—First-class	do.	8	0 11 6
Tarpaulin-maker	do.	8	0 9 6
Ticket-collector	do.	8	0 9 6
Ticket Inspector	Per week	8	3 6 6
Turner (Metal)	Per day	8	0 11 6
Waiter	do.	8	0 9 0
Watchman	Per week	(7 days)	2 14 0
Wireman	Per day	8	0 9 6
Railway Servants—			
Midland Railway	(Practically same as Government Railway		Servants.)
Bush Timber Mills:			
Engine-driver (Locomotive)	Per hour ... ..	...	0 1 8
Guard	do. ... ..	...	0 1 5½
Platelayer	Per day	8	0 10 0

* It should be carefully noted that each award applies only to some particular area. The rates of wages payable on the Goldfields, in many cases, are not fixed by any award, but the ruling rates are higher all round than those payable in coastal districts for similar occupations. † With Board and Lodgings. ‡ Not applicable to Hotels and Restaurants. c See also under "Tramways." e Hours prescribed by Early Closing Act.

No. 35.—Minimum* Rates of Wages fixed by Agreements and Awards under the Industrial Arbitration Act—continued.

Occupation.	Period to which Rates of Wages apply.	No. of Hours in period.	Wages.
MALES—			£ s. d.
Railway and Tramway Service—Government— <i>continued.</i>			
Tramway Employee (Government)—			
Ganger	Per week	48	3 12 0
Welding Machine Hand	do.	48	3 15 0
Others	do.	48	£2 17s. 6d. to £3 9s. 6d.
FEMALES—			
Barmaid	do.	54	3 5 0
Barmaid (Goldfields)	do.	48	† 2 10 0
Cook—			
Chief, where more than one employed ...	do.	b	† £1 16s. 6d. to £2 2s.
Other Cooks	do.	b	£1 4s. to £1 10s.
Chief, where more than one employed (Goldfields)	do.	60	† 2 10 0
Other Cooks	do.	60	† 1 15 0
Cook or Kitchen Hands in charge (Adults)—			
Tea Rooms	do.	48	£1 4s. to £1 6s. 6d.
Kitchenmaid	do.	b	† 1 0 0
Pantrymaid	do.	b	† 1 0 0
Scullerymaid	do.	b	† 1 0 0
Shop Assistants—			
Boots, Clothing, Drapery, Millinery, Mercery, Crockery, Fancy Goods, Sweets, etc.	do.	a	1 14 6
Boots, Clothing, Drapery, Hats, Mercery, Stationery (including Books)	do.	a	to 1 19 0
Juniors	do.	a	9s. 6d. to £1 7s. 6d.
Tailoress	do.	48	1 15 0
Waitress	do.	b	† 1 2 6
Waitress—Tea Room	do.	b	† 1 1 6
Waitress—			
Head Waitress (Goldfields)	do.	60	† 2 0 0
Waitress (Goldfields)	do.	60	† 1 10 0

* It should be carefully noted that each award applies only to some particular area. The rates of wages payable on the Goldfields in many cases are not fixed by any award, but the ruling rates are higher all round than those payable in coastal districts for similar occupations. † With Board and Lodgings. ‡ Board only. a Usual time observed in each establishment prior to award. b Hours prescribed by Early Closing Act.

XIII.—PRODUCTION.

No. 36.—Estimated value of Western Australian Production, 1914 to 1917.

Year.	Agricultural.	Pastoral.	Dairy, Poultry, and Bee-Farming.	Forestry and Fisheries.	Mining.	Manufacturing.	Total.
	£	£	£	£	£	£	£
1914 *	3,097,140	2,057,735	560,766	1,529,622	5,533,990	2,676,419	15,155,672
1915 *	6,529,633	3,030,234	586,549	836,250	5,478,149	2,480,744	18,941,559
1916 *	5,889,663	3,670,966	691,366	860,959	4,893,417	2,542,072	18,548,443

* In the case of Agricultural Production, seasons ended last day of February, 1915, 1916, and 1917.

XIV.—METEOROLOGICAL STATISTICS.

No. 37.—Notes on the Rainfall of Western Australia for October, November, and December, and Year 1917.

October.—The rainfall during the month of October was, for the most part, somewhat above the average. In a few localities in the Eastern and Midland agricultural areas excesses of an inch were recorded, whilst the heaviest total fall in the State was 6.77 inches at Jarrahdale (3.25 inches above the average). At the same time several extensive districts received a lighter fall than usual. These included the greater part of the West Gascoyne and Fortescue, the lower half of the Great Southern agricultural areas, portions of the South coast, and a large part of the South Coolgardie fields.

The bulk of the month's rain fell in connection with two disturbances, which set in on the 1st and 10th respectively. Both had their origin in the Tropics, but the former was productive of rain only in sub-tropical areas, while the latter affected parts of the North-West as well. The rains lingered for several days in South-West and Southern areas, but the two storms were separated by a fine spell of four days' duration.

The latter half of the month saw the passage of four depressions in quick succession, but their rain-producing potentialities were of a low order, and the month concluded with a week's spell of dry weather, characterised by mild heat wave conditions.

November.—The November rainfall was, for the most part, very scanty, but thunderstorms were frequent in the Kimberleys, where most of the stations registered excesses above normal. At Turkey Creek the month's fall totalled 7.26 inches (5.23 above the average). Scattered thundershowers visited the Pilbara, and parts of the Shark Bay and Peak Hill districts towards the end of the month, and small excesses resulted in some cases. The only other rain worth mentioning fell on the 17th and 18th, over the greater part of the Goldfields and Eastern agricultural areas. In the majority of cases the small average for the month was largely exceeded.

Outside of the above-mentioned localities, a practically rainless month was experienced.

December.—In the Kimberley, over the greater part of the Goldfields, and in West and South-West and Southern coastal areas, an excess in the month's rainfall was shown, elsewhere a slight decrease was met with. In the Kimberley the excess ranged from about half an inch at Hall's Creek to over six inches at Wyndham. The chief factor was the cyclonic storm which appeared South of Timor on the 18th. It was confined within rather narrow limits embracing the coastline from La Grange Bay to Derby. Further South as far as Condon, and inland to the other Kimberley stations and Marble Bar and Nullagine, only light rain was recorded, but on the portions of the coast above-mentioned both fierce gales and heavy rains were encountered. At La Grange the storm commenced at 1 p.m. on the 19th and lasted until 4 a.m. on the 20th. At 3 p.m. on the former date the barometer there stood at 29.12 inches, while at Broome 29.29 was registered, with a strong gale blowing. Derby at the same hour reported a hurricane from the North-West.

Over the Goldfields the excesses were due to thunderstorms, chiefly on the 8th and 9th, which also affected the Midland country and to a lesser extent the agricultural districts.

The excesses in the coastal areas were mainly the result of the somewhat unusual storm for the time of year, which suddenly appeared off the Leeuwin on the 18th, bringing more or less general rain, with very rough coastal weather.

Year 1917.—The rainfall for the year 1917 was remarkable in many respects, especially throughout the South-West quarter and a portion of the West Kimberley. The annual average was practically everywhere exceeded, and two months in particular, March and July, rank as the wettest on record in the South-West and South and agricultural districts. On the South-West coast very heavy gaugings were recorded. At Jarrahdale the yearly fall was 85.40 inches (40.88 inches above the annual average), and at Karridale, 78.16 inches (32.88 inches above). Many stations in the same area registered 20 inches or more in excess of the average. Over the Midland districts the falls were from 10 to 16 inches above normal, while the Eastern and Great Southern districts registered excesses ranging from 5 inches at Dumbleyung to 15 inches at Toodyay. Along the whole coastline South from Northampton and throughout the agricultural districts the totals for 1917 were, in the majority of cases, the heaviest on record.

Turning to the Goldfields, pronounced excesses were again encountered, apart from a few isolated Northern stations, where the normals were barely exceeded. Compared with the average, the fall for the year at Yalgoo was 8.72 inches above, and at Southern Cross 7.16 inches above. The Goldfield totals, although unusual, were not records. The rainfall for the year 1915 was, in most instances, considerably heavier, and in some localities the 1917 figures were exceeded on other occasions as well.

Substantial excesses were also registered throughout the Gascoyne and Tropics, except in isolated cases. Turkey Creek and Port Hedland recorded small and moderate deficiencies respectively, while at Winning Pool less than half the usual rainfall was measured. The gauging, 5.23 inches, was 5.85 inches below the average, and at this station the year was consequently the driest on record except for 1912. On the other hand Broome recorded an excess of 18.00 inches, and Derby one of 23.51 inches, and the annual totals at both stations have been exceeded only once.

The phenomenal rainfall in the South-West quarter of the State was mainly due to the very heavy winter rains. From the last week in May until the third week in October rain-bearing disturbances passed over these districts in rapid succession. The falls for each of these months were heavily in excess, and those for July, in the vast majority of instances, were by far the heaviest on record for that month. In addition

to the winter rains, disturbances of summer type brought more rain than usual in April and the early half of May, while the March totals, like those for July, were unprecedented in the rainfall annals of the State. The summer months were, on the whole, dry, but December brought some heavy rain to the West and South-West coasts.

On the Goldfields the early summer months were very dry, while the winter rains penetrated to the interior only in a partial fashion. The final quarter was, however, somewhat wetter than usual, and the excessive March rains affected practically every portion of the State.

In the Kimberleys the registrations during the first and last months of the year were responsible for the excesses. From 4th to 8th January, a "willy willy" brought very heavy rain to the districts around Derby and Broome. The former station recorded 31.62 inches, and the latter 32.56 inches for the month. These totals are practically unique in the rainfall records for this State.

On 20th December another cyclonic storm affected the same locality. The Nor'-West and Gascoyne also owed their heavy annual totals largely to the operations of two "willy willies" in March, which subsequently affected the sub-tropical portions of the State.

No. 38.—Abstract of Meteorological Observations.

(a) At Perth (Latitude, 31° 57' S. Altitude above mean sea-level, 197 feet. Longitude, 115° 51' E.)

1917.	Barometer.*			Shade Temperature.								Evaporation.		Rainfall.			
	Average for 32 years.	Highest.	Lowest.	Mean Maximum.	Mean Minimum.	Maximum on any one day.	Minimum on any one day.	Highest previous record since 1897.		Lowest previous record since 1897.		Inches.	Aver., 18 yrs, Inches.	Total.		Average for 41 years.	
								Max.	Date.	Min.	Date.			Inches.	Days.	Inches.	Days.
Jan. ...	29.91	30.16	29.55	84	63	102	54	107	1897	51	1901	10.16	10.45	0.02	1	0.35	3
Feb. ...	93	18	66	83	62	102	53	107	1898	48	1902	8.01	8.70	0.81	2	0.42	...
Mch. ...	99	24	58	76	59	89	48	106	1914	46	1903	5.96	7.75	0.54	8	0.70	4
April ...	30.08	33	56	74	57	83	50	100	1910	39	1914	3.84	4.82	1.60	9	1.60	7
May ...	09	44	35	66	50	72	39	90	1907	34	1914	2.39	2.78	4.91	16	4.72	14
June ...	06	27	48	63	50	70	40	82	1914	36	1914	1.69	1.73	10.25	23	6.61	16
July ...	09	37	48	62	50	68	36	74	1899	34	1916	1.79	1.64	11.29	25	6.47	17
Aug. ...	08	46	41	62	47	74	36	81	1914	35	1908	2.47	2.38	4.56	14	5.64	18
Sept. ...	06	21	50	63	51	69	44	87	1913	39	1913	2.70	3.36	6.79	24	3.26	14
Oct. ...	03	32	60	68	62	86	41	93	1906	41	1903	5.01	5.25	2.89	16	2.09	11
Nov. ...	29.99	27	65	75	57	96	48	105	1913	42	1904	8.48	7.66	0.02	1	0.82	6
Dec. ...	93	15	58	78	59	95	51	108	1904	48	1910	8.62	9.85	1.96	7	0.55	4
Mean ...	30.02	...	...	71.2	54.6	...	...	...	...	...	...	...	...	...	...	...	...
Extreme	...	30.46	29.35	...	...	102	36	108	20-12-04	34	11-5-14 7-7-16	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	61.12	66.37	45.64	146	33.23	117

* In addition to other corrections, further correction for standard gravity has been applied.

(b) Annual Rainfall in Meteorological Land Divisions during 1916, with averages to the end of 1915.

Land Divisions.			Rainfall during 1916.		Average previous years.		Period of Observations.	
			Range.	Mean.	Range of Means to end of 1915.	Average.	Range.	Average.
			Inches.	Inches.	Inches.	Inches.	Years.	Years.
North Kimberley ...	...	...	32.05 to 60.99	42.78	26.67 to 34.65	30.44	7 to 29	18
East Kimberley ...	...	...	17.13 to 46.51	29.18	18.38 to 35.87	26.62	5 to 25	14
West Kimberley ...	...	...	17.60 to 45.00	27.91	14.01 to 34.83	21.75	6 to 30	15
De Grey ...	...	...	6.09 to 19.97	12.13	9.41 to 18.16	12.60	5 to 34	15
Fortescue ...	...	...	7.21 to 14.92	10.91	7.74 to 15.94	11.71	7 to 30	18
West Gascoyne ...	...	...	7.20 to 19.99	12.34	6.97 to 12.28	9.16	5 to 33	14
East Gascoyne ...	...	...	4.86 to 15.90	9.45	6.16 to 11.20	8.91	5 to 27	13
South-West								
North Coastal ...	...	...	10.18 to 33.90	16.55	8.42 to 27.36	15.16	5 to 38	12
South Coastal ...	...	...	13.90 to 56.99	34.73	21.27 to 46.95	33.74	5 to 40	16
Central, North ...	...	...	6.43 to 29.68	13.70	9.90 to 23.49	12.55	5 to 36	11
Central, South ...	...	...	10.79 to 28.92	20.45	10.68 to 27.80	16.82	5 to 39	12
North-East ...	...	...	10.61 to 17.13	16.00	8.17 to 10.31	9.01	5 to 17	9
South-East ...	...	...	5.54 to 16.22	8.92	6.35 to 12.34	9.16	5 to 26	15
Eucaly ...	...	...	7.65 to 32.37	17.78	9.02 to 27.75	17.48	5 to 40	21

XV.—PARLIAMENTARY ROLLS.

No. 39.—Return for each Electoral District of the Number of Names on the Roll of the Legislative Assembly on the date of the latest General Election, 29th September, 1917.

District.	Net Enrolment on Day of Election.			District.	Net Enrolment on Day of Election.		
	Males.	Females.	Total.		Males.	Females.	Total.
Albany	2,262	1,787	4,049	Mount Leonora ...	748	416	1,164
Avon	2,660	1,304	3,964	*Mount Magnet ...	1,053	365	1,418
Beverley	1,222	693	1,915	Mount Margaret ...	788	300	1,088
Boulder	2,532	2,273	4,805	Murchison	1,127	394	1,521
Brown Hill-Ivanhoe ...	2,696	1,876	4,572	Murray-Wellington ...	1,347	1,039	2,386
Bunbury	1,492	1,473	2,965	Nelson	1,933	1,295	3,228
Canning	3,613	3,801	7,414	*Northam	1,293	1,183	2,476
Claremont	2,967	3,514	6,481	Perth	2,762	2,583	5,345
*Collie	1,699	1,133	2,832	Perth, East	2,812	3,254	6,066
Coolgardie	1,350	611	1,961	Perth, North	2,603	3,205	5,808
*Cue	816	399	1,215	Perth, West	2,098	2,799	4,897
*Forrest	1,570	726	2,296	*Pilbarra	724	102	826
Fremantle	2,354	2,081	4,385	Pingelly	1,494	896	2,390
*Fremantle, N.E. ...	3,070	3,221	6,291	Roebourne	598	119	717
Fremantle, South ...	2,366	2,232	4,598	*Subiaco	3,074	3,737	6,811
Gascoyne	690	211	901	Sussex	987	777	1,764
Geraldton	1,397	1,186	2,583	Swan	1,762	1,496	3,258
Greenough	1,707	792	2,499	Toodyay	2,153	1,195	3,348
Guildford	3,660	3,744	7,404	Wagin	1,741	1,047	2,788
Hannans	1,196	964	2,160	Williams-Narrogin ...	2,178	1,376	3,554
*Irwin	1,663	730	2,393	Yilgarn	1,045	591	1,546
Kalgoorlie	3,209	2,526	5,735	York	1,789	1,058	2,847
Kanowna	1,476	508	1,984				
Katanning	2,119	1,323	3,442	All Districts... ..	93,106	73,845	166,951
Kimberley	1,200	186	1,386				
Leederville	3,611	4,188	7,799	In Contested Dis-			
Menzies	701	337	1,038	tricts	76,445	61,310	137,755
*Moore	1,699	939	2,638	Votes recorded ...	45,453	40,167	†85,620

* Uncontested. † Including 1,447 Informal Votes.

No. 40.—Return for each Electoral Province of the Number of Names on the Roll of the Legislative Council on the 30th September, 1917.

Electoral Province.	Number of Names on the Roll.			Electoral Province.	Number of Names on the Roll.		
	M.	F.	Total.		M.	F.	Total.
Central	3,305	668	3,973	South	2,470	605	3,075
East	5,594	1,144	6,738	South-East	5,517	941	6,458
Metropolitan	5,773	2,596	8,369	South-West	4,881	1,253	6,134
Metropolitan-Suburban	12,220	5,342	17,562	West	4,955	1,589	6,544
North	688	75	763				
North-East	2,591	671	3,262	Total	47,994	14,884	62,878